CANADIAN ASSOCIATION OF UNIVERSITY TEACHERS ASSOCIATION CANADIENNE DES PROFESSEURS D'UNIVERSITÉ





June/Juin, 1980 Vol. 27, No. 4

CAUT Council and Board censure President and Board of Governors of Nova Scotia Technical College, escalate censures at Calgary and Memorial, adopt redundancy and appointment policies

The CAUT Board and Council at its annual meeting in Ottawa voted to censure the President and Board of Governors of Nova Scotia Technical College for their dismissal without a proper arbitration of Professor John Goodfellow. The Council authorized a mail ballot on the possible censure of the President and Board of Governors of Nipissing University College if current negotiations on a non-renewal allegedly for financial reasons are not resolved shortly. The Council, which last year had censured the President and Board of Regents of Memorial University and the Board of Governors of the University and and the Board of Governors of the University of Calgary, moved to advise its members not to take positions in those universities until the Webber and Abouna cases are settled.

cases are settled.

At Nova Scotia Technical College, the Board dismissed Professor Goodfellow and then allowed an appeal only to itself. The Academic Freedom and Tenure Committee of the CAUT advised the Council that the procedures for dismissal at Nova Scotia Technical College were rudimentary in the autrenne and advised the censure of the Colextreme and advised the censure of the College on account of this case.

The Council lifted the censure of the

Université de Moncton in the case of Dr. Islam. The CAULT and the local faculty association had negotiated an arbitration which had been held and had decided on a eash settlement of \$50,000. The university had honoured the settlement.

New CAUT executive

New CAUT executive

The Council elected Professor Israel
Unger of the Department of Chemistry of
the University of New Brunswick as the new
President of CAUT. Professor Ken
McGovern of the Department of
Philosophy of the University of Regina and
Professor Jim Foulks of the Department of
Pharmacology of the University of British
Columbia were elected vice-presidents. Professor Louise Forsyth of the Department of
French of the University of Western Ontario was chosen as Treasuer.

Redundance with alience

**Redundance with ali

Redundancy guidelines

The Council passed guidelines to deal with the problem of programme redundan-cy. Two years ago guidelines were passed recognizing that universities may lay off faculty members when, in fact, they are fac-

ing imminent bankruptcy if they do not do ing imminent bankruptcy if they do not do so. Last year the Council rejected redundancy guidelines which it considered not tough enough. The new guidelines were designed to counter the attempt of some university administrations to claim that their lay-offs or terminations were not caused by financial exigency but were due to efforts to change their programmes. The Council recognized that such programme decisions could be made but only if existing staff were retained and either redealowed or staff were retained and either redeployed or

The Council discussed a report on ar-bitration costs which recommended that CAUT increase its capacity both to assist CAOT increase its capacity both to assist associations in this area and to provide training for local leaders to participate in the grievance and arbitration process. The report was referred to the Board for further action.

The Board received papers on management rights in the university context, volunment rights in the university context, voluntary recognition and redundancy. The Council adopted policies requiring adequate warnings before disciplinary action is undertaken and prohibiting expost factochanges of tenure rules and standards for probationary candidates after they have been hired. The Council considered that such changes should apply to new faculty. The Council also adopted a guideline allowing the department or the faculty associations rights of appeal in regard to appointment procedures. ment procedures

The Council tabled a resolution concerning possible affiliation with the Canadian Labour Congress.

Status of women committee

The Board and Council agreed to the The Board and Council agreed to the creation of a committee on the status of women and named Professor Jan Newson of York University as interim chairperson. It also reviewed the areas of activity of the CAUT during this past year including equal pension payouts, appointment procedures and the use of part-time contracts for a disproportionate number of women. It was reported that the annual collective bargaining conference would consider the recitical ing conference would consider the practical use of collective agreements as instruments to end discrimination.

The Council welcomed two new

organizational members — the Saskat-chewan Association of University Teachers, which groups all the faculty associations in Saskatchewan in a provincial organization, and the faculty association at the Collège Saint-Boniface in Winnipeg.

The Council conducted two workshops. The Council conducted two workshops. The first was on cutbacks. The speakers were Arnold Cantor from the City University of New York, Muni Frumhartz of Carleton and head of the OCUFA task force in this area, and Donald Savage the Executive Secretary of CAUT. The second was on the policies of the federal government in relation to research and to fiscal transfers. This featured Roger Simmons, parliamentary secretary to the Minister of transfers. Ints featured Roger Simmons, parliamentary secretary to the Minister of State for Science and Technology, Pauline Jewett, the NDP member for New Westminster-Coquitlam and former president of Simon Fraser University, and Marcel Lambert, the Conservative member for Edmonton West.

The Council supported the position of its provincial affiliate in Alberta, the Con-federation of Alberta Faculty Associations, which deplored the unilateral decision of which deplored the unilateral decision of the Alberta government to transfer Athabasca University from Edmonton to Athabasca. The Doard agreed that it would assist the faculty of Athabasca in their current difficulties. CAFA has called for a commission to report on the merits of the move before it has been undertaken.

The Board re-elected Professor David Balzarini of the University of British Columbia as Chairman of its Economic Benefits Committee and authorized a benefits comference to be held in September. It also formalized a contract with Touche Ross to provide income tax in-

with Touche Ross to provide income tax in-formation and services for CAUT and its members

The Council adopted a revised fee system for CAUT by a vote of 107.9 to 9.9.

CAUT imposes third stage of censure on Memorial and Calgary

The Board of Governors of the University of Calgary and the President and Board of Regents of Memorial University have been placed under the third stage of censure by the Canadian Association of University Teachers for violations of University Teache academic freedom.

With the third stage of censure, the CAUT will recommend that no faculty member accept employment with either the University of Calgary or Memorial University.

sity.

The CAUT passed the censure votes at its annual Council meeting in May on the

recommendation of the Academic Freedom

recommendation of the Academic Freedom and Tenure Committee. It first imposed censure on the two universities at its annual meeting last year. The second stage was passed in both cases in January 1980. The censure of the Board of Governors of the University of Calgary results from the university's handling of the termination of the appointment of Dr. George Abouna, a transplant surgeon. A CAUT committee of inquiry investigating the case found that the university denied Dr. Abouna a proper academic evaluation before deciding not to academic evaluation before deciding not to





CAUT Bulletin

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Executive Secretary: Donald C. Savage

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CAUT imposes third stage of censure on Memorial, Calgary . . .

renew his appointment and thereby violated his academic freedom. All CAUT attempts to negotiate a settlement for Dr. Abouna have failed to resolve the case.

The censure of the President and Board of Regents of Memorial University derives from the university's decision not to renew the contract of Professor Marlene Webber of the School of Social Work because of her professed Marxist-Lennist leanings and her the contract of the School of Social Work because of her professed Marxist-Lennist leanings and her the contract of the School of Social Work because of her professed Marxist-Lennist leanings and her the school of Social Work because of th protessed Marxist-Lennist teanings and under alleged misuse of her classroom. A CAUT committee of inquiry investigating the university's handling of the case found that Memorial's President and Board of Regents had committed a serious breach of academic freedom in basing its non-renewal. academic freedom in basing its non-renewal of Professor Webber's appointment on her political activities without producing "admissable and cogent evidence" that these activities constituted professional wrongdoing. All CAUT and local faculty association attempts to negotiate a settlement for Professor Webber, including an offer to arbitrate the differences, have failed to resolve the case.

As part of the first and second stages of censure, the Association has published a grounds for censure of the two universities. In addition it has advertised the censures in the journals and bulletins of faculty organizations in the United States, Germany, France, the United Kingdom and other Commonwealth countries.

CAUT censures Nova Scotia Technical College

The Canadian Association of Univer-sity Teachers voted at its annual meeting in Ottawa May 15 to censure the President and Board of Governors of Nova Scotia Technical College.

The censure results from the decision of the college to dismiss tenured faculty member John Goodfellow without specify-ing the reasons for doing so and without

ing the reasons for doing so and without providing an arbitration.
Representatives of CAUT investigating the case found that the President and Board of Governors of the college had committed a serious breach of academic freedom in failing to provide appropriate procedures in the dismissal of Professor Goodfellow.
The Association further determined that the dismissal procedures of the college do not conform to those which have now been adopted in most Canadian degree-gratuing.

adopted in most Canadian degree-granting institutions or to the CAUT guidelines con-

cerning dismissal for cause.

Professor Goodfellow was appointed to the department of applied mathematics of the college in 1970 and was granted tenure

in 1975.

In September 1979, the President of the college advised Professor Goodfellow that he had recommended to the Board of Governors that he be dismissed without giv-

ing specific reasons for this recommenda-tion. He had been told the previous year that his publication record was inadequate. Faculty regulations, however, explicitly place a low priority on research and publication.

publication.

The Chairman of the Board of Governors subsequently indicated that such requirements are expected of all faculty members, thereby expressing unilateral changes in the faculty regulations that were neither discussed in advance with the facul-ty nor announced to the faculty.

Repeated requests by the faculty associa-tion and the CAUT that the case be submitted to binding arbitration according to CAUT procedures were turned down. The Chairman of the Board of Governors indicated that it was the responsibility of the Board to make dismissal decisions.

Board to make dismissal decisions.

In October, the Executive Committee of the Board terminated Professor Goodfellow's appointment immediately. No reasons were given.

The CAUT, the local study and students subsequently urged the Board to reconsider its action and called for Professor Goodfellow's reinstatement pending agreement and application of appropriate procedures for dismissal.



THE UNIVERSITY OF WINNIPEG invites applications and nominations for the position of

PRESIDENT

The president has general responsibility for the operations of the University and has such other powers and duties as are assigned by the Board of Regents.

The University of Winnipeg was officially established in 1967, but its history dates to 1B71. Located in downtown Winnipeg, the University is a provincially supported, primarily undergraduate institution which retains affiliation with the United Church of Canada. Total enrolment is about 6000, almost evenly divided between full-time and part-time students.

The appointment will be effective July 1, 1981. The salary and terms of the office are negotiable. The successful candidate should have a proven record of senior responsibility in education, business, health services or public administration.

Applications should be accompanied by a detailed curriculum vitae and the names of several referees. Letters of nomination should include biographical details of the nominee. Applications, nominations and enquiries should be directed, before October 15, 1980, to:

> J. K. A. Brown, Secretary Search and Nominating Committee University of Winnipeg 515 Portage Avenue Winnipeg, Manitoba R3B 2E9 Telephone: (204) 786-7811, extension 437

Redundancies and layoffs: a broader analysis, stronger recommendations needed

by Joseph B. Rose

Report of the Commission of Inquiry into Redundancies and lay-offs, Labour Canada, Minister of Supply and Services, Canada, 1979.

In 1978, the former Minister of Labour,
John Munro, appointed an industrial
inquiry commission into redundancies and
layoffs under the chairmanship of A.W.R.
Carrothers. This volume summarizes the
Commission's work and focuses on the
adequacy of present redundancy and layoff
procedures utilized by employers, the role
and responsibility of unions, employers and
government in these decisions and the need
for improving existing procedures to either
avoid layoffs or minimize their adverse
effects on the labour force. The Commission n 1978, the former Minister of Labour, was also asked to consider "the possibility of developing a code of good practice with respect to redundancies and layoffs".

No one can seriously question the timeliness of this study. One day prior to its release the Montreal Star ceased publication. In the intervening months there have been other plant shutdowns and employee layoffs. The redundancy issue is by no means restricted to industrial jobs, but has also become a source of concern among white-collar and professional employees. The seriousness of the issue at the academic level is underscored by CAUT's efforts to formulate guidelines on redundancy during the past several years.

Prospect for growth in 1980's not good

The report is essentially divided into three parts. The first section (Chapters 1-3) examines how environmental influences (economic, institutional and social) will influence redundancy and layoffs in the future. The Commission suggests that the prospect for strong economic growth in the eighties is not good and that Canada's abilieignites is not good and that Canada's abili-ty to compete effectively in international markets will be severely tested. Under these conditions the prospect for layoffs can be expected to increase. The report also notes that collective bargaining has provided only radimentary protection against layoffs and suggests that this may be due to management's strong stand on the issue, the existence of government support programs (e.g., unemployment insurance) and the fact that layoffs have not been perceived as a major problem by unions. With respect to labour market conditions, the study reviews labour market conditions, the study reviews labour force trends and unemployment data and identifies several ways to improve government manpower policies. The em-phasis is clearly on upgrading traditional government policies by providing increased skill training and improving mobility and placement services.

European experience instructive

The second part of the report (Chapters and layoffs, how they should be managed, the responsibilities of the parties of interest and compares government programs which exist in Western Europe and North America. Particular emphasis is placed on the decision to make layoffs (including provisions governing advance notice), efforts to either limit or avoid layoffs and how to mitigate the hardships associated with job loss. The review of the European experience is extensive and instructive. It

reveals the existence of statutory provisions for advance notice, consultation with unions or work councils, a more highly structured redundancy process, and policies and programs for cushioning the economic costs of layoff (including severance pay in costs of layoff (including severance pay year Britain). In Canada, decisions regarding redundancy and layoff are largely vested in management (exceptions include decisions relating to technological change under the Canada Labour Code). The study notes that considerable mistrust exists between that considerable inistrust exists between labour and management on the issue, and that prevailing attitudes do not appear to be conducive to resolving redundancy and layoff problems.

Report's recommendations

Report's recommendations

The final section (Chapter 6-7) contains the Commission's analysis, conclusions and recommendations. The recommendations can be grouped into three critical areas. With regard to processes, it recommends the enactment of legislation which recognizes redundancy management as a shared responsibility. It also endorses joint consultation as the mechanism for commenting on management decisions to change operations and for determining if redundancy is avoidable or determining what steps can be taken to minimize or cushion the effects of layoffs, the report stresses the importance of re-employment through such devices as relocation, retraining, placement assistance and the use of ing, placement assistance and the use of severance pay to regulate layoff schedules. As for mitigating the effects of layoffs, the

Commission urges that public training and resources be available to assist displaced workers and that early retirement schemes and pension portability be expanded and upgraded. The study further recognizes the necessity of extending protection to unorganized employees. The strength of this study lies in the fact

that the Commission has done a credible job of examining the broad environmental and institutional factors affecting redun-dancy and layoffs. It has also brought into sharper focus the competing interests of the parties, e.g., management prerogatives vs. job security, and the interventionist approach adopted by European governments to protect employees against layoffs.

Study not without shortcomings

shortcomings

The study is not, however, without its shortcomings. For one thing, its focus is too narrow. It tends to overemphasize technological change as a source of redundancy and layoffs and concentrates almost exclusively on blue-collar jobs. To some extent this emphasis is understandable, but then again it remains unclear why a major inquiry of this type was not broader in scope. For example, why did the Commission fail to consider such questions as the effect of global budgeting on hospital staff in Ontario, declining enrollments on public school teachers and university faculty and government fiscal policies on public service staffing requirements? The dramatic increase in white-collar and professional employment over the past 30 years and the tremendous investment professionals make in planning their careers are factors worth examining. A broader analysis of the impact of redundancy on various occupa-

tional groups might have produced a more penetrating analysis of the issues.

Proposals disappointing

Finally, the Commission's recommenda-tions probably do not go far enough. For example, the proposal endorsing joint con-sultation is relatively tame and ambiguous. It is almost as if this proposal were meant not to offend anyone, rather than to seek a solution to the redundancy and layoff issue. While the concept is certainly in vogue among Ottawa bureaucrats, joint consulta-tion relies extensively on mutual rust and the parties' willingness to cooperate in solv-ing complex problems. In light of the Com-marks: on redundancies and layoffs, it remains

unclear whether this process can work effectively. The Commission is correct that the process of declaring jobs redundant and the development of policies to avoid or limit layoffs are of critical importance, Unfortunately, they seem to have placed a curious amount of faith in joint consultation. It is also somewhat disappointing that the Commission's proposals for mitigating the impact of layoffs represent little more than a fine tuning of existing or previously proposed remedies. Their suggestions are neither new or creative.

Prof. Rose is with the Department of Industrial Relations at McMaster University Bargaining Committee.



THE UNIVERSITY OF MANITOBA

invites nominations and applications for the position of

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Applications are especially encouraged from women and men who are Canadian enizens, permanent residents, or eligible for employment in Canada at the time of application.

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University of Guelph

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Applications end nominations should be sent to Dr. H.C. Clark, Vica President Acedemic, University of Guel. h, Guel, h Ontario N 17 201 September 30, 1980.

New display advertising rates effective August 1 - see page 5.

ADMINISTRATIVE

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Department of Secretarial and Administrative Studias. Chairman. Nominations and applications are invited for the position of Chairman of the Department of Secretarial and Administrative Studies. Faculty of Social Science, effective July 1, 1981. A Senate Selection Committee recommends an appointment for a three-to flive year term, renewable. Nominations and applications should be sent to the Chairman of the Selection Committee, Professor B. Kymiloka, Dean, Faculty of Social Science Centre, The University of Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year term, renewable. National Science Centre, The University of Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year term, and the Carlos of the Section Committee, Professor B. Well Carlos of the Carlos of the Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year of the Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year of the Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year of the Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year of the Western Ontario, London, Ontario, NSS C2. The deadline for submission is New Year of the Western Ontario, London, Ontario, NSS Carlos Carlos Cardiac Research Funding seeks a cardiologist with experience in Cardiac Research, to head a cardiac rehabilitation referral centre. Please reply with curriculum vitae and names of three referees to. Dr. R. Taylor, Acting Director, Division of Cardiology, Department of Medicine, 61-248 Clinical Sciences Building, University of Alberta, Edmonton, Alberta, Edg. 2G3.
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who have only recently been moving into the maritime area from a background in strategic studies are also encouraged to apply. Salary commensurate with experience. Applications should be submitted as soon as possible. For further information, please write to. Dr. Robert Boardman, Acting Director, Centre for Foreign Policy Studies, Dalhousle University, Halltax, Nova Scotla, Canada, B91 4416. Phone. (90.2) 42-2396. DALHOUSIE UNIVERSITY. Department of Blochamistry. Applications are invited for the position of missessor and head, Department of the position of the positio a recently constructed madical billusing his viding excellent opportunity for communication and collaborative research with other departments. Please send application including up-to-date curriculum vitae to Dr. Salisbury, Chairman, Search Committee for the Head, Department of Biochemistry, Office of the Dean of Medicine, Dalnousie University, Halifax, Nova Scotla, B3H 4H7. DALHOUSE UNIVERSITY. Faculty of Health Professions. Diractor of tha School of Occupational Therapy, Dalnousie University is proposing to start a School of Occupational Therapy, Dalnousie University is proposing to start a School of Occupational Therapy to serve the four Atlantic Provinces of Canada. It will provide a Joury ear program (one year Arts and Sading 16 the years per ocsasionals) of Science in Occupational Therapy, This will be a regional program with an initial enrolment of 25 students into the second year of the program. The School of Occupational Therapy will be part of the Faculty of Health Professions, which also includes the Schools of Nursing, Physiotherapy, Physical Education and Human Communication Disorders, and the College of Pharmacy. Other Faculties within the Chilovest of the Schools of Occupational Therapy will be part of health care are Dentistry and Medicine. Applications are invited for the position of Director of the Schools of Occupational Therapy, Dalhousie University, It is shoped that the appointment can be made during the academic year beginning July 1, 1980. The Director of the Schools within the Faculty of Health Professions for the leadership and administrative experience as well as an interest in research. The candidate must be eligible for membership in the Canadian Herapy and research. Pagnication, curiculum vitae en names and addresses of three referees should be forwarded to the control of Cucupational Therapy and research. Application, curiculum vitae en names and addresses of three referees should be forwarded to the science, for the backing of Director, which would include maintaining a liaison wi

CANADIAN ASSOCIATION OF



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- 3. ASSURANCE-VIE POUR LA FAMILLE sur la vie du conjoint et des enfants des membres

Please send me information outlining the C.A.U.T. Life and Accident Insurance Plans

Veuillez, s'il vous plaît, me faire parvenir les renseignements complets sur les régimes d'assurance vie et d'assurance-accident de l'A.C.P.U.

Name/Nom___

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and is renewable. An appointment with immediate tenure is possible. The salary will be competitive. Position subject to tinal budgetary approval. Duties are to administer an academic unit of 10 faculty and 8 administrative and technical support start, to participate in the teaching of undergraduate and graduate courses and follow own research. Teaching and research areas of the faculty include: human skeletal blology. areas of the faculty include: human skeletal blology, ergonomics/human factors, metabolic ord respiratory aspects of energetics, behaviour modification and hyperkinesis, human variability and phytogeny. Two undergraduate streams in human biology are administered by the School one a general honours programme in human biology, and the other an honours programme with human movement as a focus. There is a well equipped research facility with a new and expanding graduate programme eleading to a Master's degree in the field. Applications, which will continue to be considered until the post is tilled, hopefully by 81 01 01, should include a curriculum vitae and the names of three referees, should be addressed to: Professor Keith Ronald, Dean, College of Biological Science, University of Guelph, Ontario, Canada, N162 Wtj. (519) 824-4120, ext. 3342. UNIVERSITY OF TORONTO. Faculty of Medictine. 1. University Department: Psychiatry. 2. University Title: Professor and Chairman. Hospital Title: Psychiatrist. Chief (Clarke Institute of Psychiatry). 3. Ocalifications Required. M.D. as well as Reyal Gollege Fellowship, for equivalent, 4. Natural Chairman. Hospital Title: Psychiatrist. In Chief (Clarke Institute of Psychiatry). 3. Ocalifications of the professor and Chairman will also being hospitals. The Chairman will also be solved to the prosition of Chairman of the Department of History, Ross 148. Fifective Date of Appointment Assoon as possible after July 15, 1980. University of Western Ontario, London, Ontario, N6A 5C2. The deadline for submission is

ACCOUNTING

WILFRID LAURIER UNIVERSITY. School of Business and Economics. Accounting 1. Lecturer up to Associate Professor in Ac-counting courses. 2. M.B.A. minimum re-quirement for Lecturer, Ph.D. for Assistant and Associate Professor. 3. Teach a

minimum of nine hours per week. 4. Negotlable. 5. Dr. T.F. Cawsey, Ph.D., Associate Dean of Business, School of Business and Economics, Wilfrid Laurier University, Waterloo, Ontarlo, Canada, N2L 3C5. 6. Starting July 1, 1980. 7. When positions tilled. Positions subject to budget approval

University, Waterloo, Ontario, Canada, Nac. 3CS. 6. Starting July 1, 1980. 7. When positions illied. Positions subject to budget approval.

UNIVERSITY OF WATERLOO. Department of Economics. Accounting, Applications are invited for several faculty positions from those with teaching and research interests in accounting, auditing, taxetion and finance. Doctorate in hand or near completion is preferred but candidates who plan to pursue doctoral studies in the future will be considered. Teaching and research excellence are required. Ranks open and salarles competitive depending upon education and experience. Appointments will be from September 1, 1980 but other dates can be arranged due to the flexibility provided by our year round co-op programmes. Application or Inquiries, including curriculum vitae, should be sent to Professor Robert Long, Director of Accounting Programmes, Department of Economics, University of Waterloo, Waterloo, Ontarlo, NZL 3G1. (First consideration will be given to those applicants who at the time of application are legally eligible to work in Canada for the period covered by these positions. Availability of these positions is subject to budgetary approval.)

UNIVERSITY OF MANITOBA. Faculty of Administrative Studies. Department of Accounting areas; financial accounting, managerial accounting, and Finance. Faculty of Manitobas (Manitobas or Manitobas or Ma

AGRICULTURAL ECONOMICS

MCGILL UNIVERSITY. Macdonald Campus. Department of Agricultural Economics. Applications are invited for the position of Assistant Professor with teaching and research responsibilities, graduate and undergraduate level, in agricultural economics and agribusiness. Applicant accommics and agribusiness. Applicant seconomics and agribusiness. Applicant accommics and growth of the Agricultural Economics and growth with the Agricultural Economics and growth of the Agricultural Economics. Agricultural Economics. Macdonald Campus of McGill University, P.O. Box 224, Ste. Anne de Bellevue, Oueber, H9X 1CO.

donald Campus of McGill University, P.O.
Box 224, Ste. Anne de Bellevue, Ouebec,
HOX 1CO.
UNIVERSITY OF SASKATCHEWAN Department of Agricultural Economics,
Agricultural Marketing, Title of Position:
Assistant Professor of Agricultural
Economics. Location: Department of
Agricultural Economics, University of
Saskatchewan, Saskatoon, Saskatchewan,
Canada, S7N 0WO. Major Responsibilities:
I. Teaching undergraduate and graduate
level courses in Agricultural Economics
with emphasis on the marketing systems on the marketing system for agricultural inputs. 2 polypling and conducting a research program in the area of agricultural marketing systems.
J. Undertaking Extension activity that is complementary to research and teaching in agricultural marketing. Oualifications: Ph.D. in Agricultural Economics with emphasis in agricultural marketing. Oualifications: Ph.D. in Agricultural Economics with emphasis in agricultural marketing. Strong minors in Ouantitative Methods and/or the macroceconomics of the agricultural industry-would be desirable. Rank and Salary: The Italia appointment will be made as Sasistant Professor within a salary and a Sasistant Professor within a Sasistant P



The University of Manitoba

invites applications and nominations for the position of

DEAN OF THE FACULTY OF ADMINISTRATIVE STUDIES

The Feculty of Administrative Studies at The University of Menitobe hes a complement of 60 academic end 15 support staff in the four Departments of Accounting and Finance, Actuarial and Business Methemetics, Business Administration and Public Policy. The Faculty offers four year and accelerated programs for the Bechelor of Commerce (Honours), a two year Master of Business Administration Program and a Master's Program in Actuarial Mathemetics and Operational Research. There are about 1,250 ull-line and 225 pert-time undergraduate students and 80 full-time and 90 part-time students in the Master's programs. The Faculty also emphasizes professional continuing education programs for the business community of the region.

Cendidates should have strong leadership ability, a clearly articulated perception of the mission of a Feculty of Administrative Studies, be sensitive to both the universal and uniquely Canadian aspects of the disciplines involved and have a demonstrated breadth as a scholar and triples.

The appointment is expected to commence July 1, 1981, and will be for a renewable term of normalfy five to seven yeers.

Please address responses to:

Provost N.A. Summan, Chafman, Selection Committee for Dean of the Faculty of Administration Building, Room 202, Administration Building, The University of Manioba, Winnipeg, Manitoba, Canada, RST 2N2. Provost R.A. Johnson,

Applications, nominations and suggestions will be received until September 30, 1980.

UNIVERSITY OF WATERLOO

Applications and nominations are invited for the position of

DIRECTOR **School of Optometry**

The School has 236 undergraduates enrolled in a tour year program leading to the O.D. degree. A graduate program in vision science offers the M.Sc. and Ph.D. degrees in Physiological Optics. A two year Clinical Residency provides specialty training for Optometry graduates. More than 20,000 patient examinations ere made annually in e modern, well-equipped Clinic and in off-campus projects. The School has a strong commitment to excellence in undergraduate teaching, research, and service to the community.

The appointment of Director, effective July 31, 1981, is for an initial three year term, normally renewable once. A candidate selected by the Search Committee must meet the approval of the faculty members of the School.

Send applications with resumes or nominations by August 31, 1980 to:

Protessor R.N. Farvolden Chairman of Search Committee (Optometry Director) University of Waterloo Waterloo, Ontarlo Canada N2L 3G1

Université Saint-Paul

A BILINGUAL, DYNAMIC, GROWING IN-STITUTION FEDERATED WITH THE UNIVERSITY OF OTTAWA OFFERING THE FOLLOWING PROGRAMS:

Feculty of Theology

Undergreduate Studies in Theology Greduete Studies in Theology

Faculty of Canon Law

Undergreduate Studies in Cenon Law Graduete Studies in Cenon Law

Faculty of Philosophy

Undergraduate Studies in Philosophy Greduate Studies in Philosophy

Institute of Mission Studies

Undergreduate Studies in Missiology Greduate Studies In Missiology

Institute of Pastoral Studies

- Greduete Studies in Pestorel with concentrations in
- -General Ministry
- -Counseling Ministry
- -Pestorel Groupwork in Femily end Community
- -Pestorel Cere in Heelth Cere Services*

Institute of Social Communications

Undergreduete Studies in Social Communications Etudes sous-greduées en enimation**

"in English only; "en frençeis seulement All other progrems ere eveilable in both lenguages

For more information: Admissions Office, Saint Paul University, 223 Main, Ottawa, Canada K1S 1C4 Tel. (613) 235-1421

UNIVERSITY OF MANITOBA **HEALTH SCIENCES CENTRE**

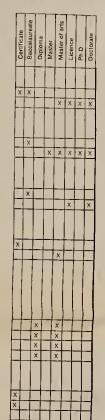
Clinical Geneticist

Applications ere invited for e geographical full-time clinicei geneticist et the Childran's Populie, Winnipeo, The position includes en eppointment in the Depertment of Podietrics, University of Mentipos.

Applicants should have hed extensive experience end hold the F.R.C.P. (C) or equiveient. Dutes will include provision of full genetic services teaching end research. Candidates may elso be considered for the headship of the Genetics section. Selery and renk commensurate with quelifications. Candiden citizens, permenent rasidants and others eligible for employment in Cenade et the time of epplication ere especially ancouraged to epply.

Applications end full curriculum vitae should be sent to:

Dr. Jemes C. Haworth Dr. Jemes C. Haworth Professor end Heed Depertment of Pediatrics Pediatrician-in-Chief Children'e Hospital 895 Bennetyne Avenua Winnipeg, Menitoba R3E 0W1



gram. The University is well served with library and computer facilities. It contains a broad range of degree granting Colleges, and maintains an enrolment in excess of 10,000 students. Applications: Interested candidates should apply with detailed curriculum vitae, transcripts, and names and addresses of three referees to. Dr. George E. Lee, Professor and Head, Department of Agricultural Economics, University of Saskatchewan, Casada, STN OWO. Applications will be accepted until a suitable candidate has been selected.

Agricultural Economics, University of Saskatchewan, 288 Kirk Hall, Saskatoon, Saskatchewan, Canada, S7N 0W0. Applications will be accepted until a suitable candidate has been selected.

UNIVERSITY DF SASKATCHEWAN. Department of Agricultural Economics. Farm Business Management. Title of Position: Tenure Track, Assistant Professor of Agricultural Economics and Extension Specialist. Location: The position is located in the Department of Agricultural Economics, University of Saskatchewan, Saskatton, Saskatchewan, Canada, S7N 0W0. However, the incumbent will also be an associate in the Division of Extension and Community Relations. Major Responsibilities: 1. Teaching Agricultural Economics with particular emphasis on Farm Business Manager at the Vocational, undergraduale or possibly graduate level. 2. Develop and coordinate the Extension program of the Department of Agricultural Economics in cooperation with the Division of Extension and Community Relations. 3. Develop and coordinate the Extension program of the Department of Agricultural Economics in cooperation with the Division of Extension and adult education processes. Otalifications: Graduate training with stong preterence for training to the Ph.D. Levon in a combination of Agricultural Economics. Farm Business Management or Extension and adult education processes. Otalifications of Continuing Education). Specific degrees are of less importance than is thin to training and possibly experience. Rank and Salary: The appointment will be at the Assistant Professor level within a salar partment of Agricultural Economics and Experience. Date Position Open; as well as a smalley experience. Date Position Open; as well as a small professor level within a salar partment of Agricultural Economics of the Professor and Head, Department of Agricultural Economics of the Professor and Head, Department of Agricultural Economics of the Professor and Head, Department of Agricultural Economics of the Professor and Head, Department of Agricultural Economics of the Professor and He

ANIMAL SCIENCE

MCGILL UNIVERSITY, MACDONALD CAM-PUS. Faculty of Agriculture. Depertment of Animel Science. Applications are invited for the position of Assistant or Associate Professor in reproductive physiology. A Ph.D. or its equivalent in physiology of reproduction with either an emphasis on, or a wish to work with, swine is required. Ability to teach and competence in research are essential. Duties include teaching a diploma level course in anatomy and physiology, an undergraduate course in applied reproductive physiology, participating in a graduate level course in reproductive physiology and the advising of undergraduate and graduate students. The successful candidate will be expected to initiate and carry out a research programme in reproductive physiology which will, at least in part, be with swine. Minimum salary \$24,150. The position will be available September 1, 1980. Competition closes on July 1, 1980 or when a suntable applicant has been identified. Applications should include a curriculum vitae, transcripts of academic record and the names of three referees who have been asked by the applicant to forward letters of references. All materials should be sent to: Dr. R.B. Buckland, Chairman, Department of Animal Science, Macdonald Campus of McGill University, Ste-Anne-de-Bellevue, Ouebec, H9X 1CO.

ANTHROPOLOGY

MCMASTER UNIVERSITY. Department of Anthropology. The Department of Anthropology at McMaster University seeks to appoint a person at the Assistant Professor level beginning July 1, 1980. This is a tenure-track appointment. The candidate must be actively engaged in research in Canada and should hold the Ph.D. at the time of appointment. Appropriate candidates should have teaching and research interests among the following anthropological theory, quantitative methods, research design, medical anthropology, candidates must be legally employable in Canada at the time of application. Inquiries, applications ad letters from referees should be directed to David R. Counts, Chairman, Department of Anthropology, McMaster University, Hamilton, Dntario, LBS 4L9.

BIOCHEMISTRY/ BIOCHIMIE

UNIVERSITE LAVAL. Département de blochlime. Microbiologist à Departement of Blochemistry resipons ble 10 the seeking a person with a strong background in Microbiology and Blochemistry. The seeking a person with a strong background in Microbiology and Blochemistry. The seeking a person with a strong background in Microbiology and Blochemistry. The seeking a the undergraduate and graduate levels. The Ph.D. Is a prerequisite and some pertinent postdoctoral experience is highly desirable; Canadian citizenship is not a prerequisite. Those interested in this position should send complete applications (curriculum vitae, résumé of research in terests, reprints, etc.) and arrange for three letters of recommendation to be forwarded to: Le Directeur, Département de blochmie, Faculté des sciences et de génie, Université Laval, Québec, Dué., Canada, Git K74 H position will be available as early as January 1st, 1981; the successful applicant will be expected to teach in French beginning in September, 1981. Salary range (assistant professor): \$23,000-\$38,000. Application deadline date is September 1st, 1980.

BIOLOGY

UNIVERSITY OF WINDSDR. Department of Biology. Appointment of Assistant Professor. Applications are invited for the position of Assistant Professor in the area of Animal Physiology for a limited two-year appointment effective July 1, 1980. The successful candidate will be expected to teach introductory courses in human physiology, animal physiology and/or senior courses in endocrinology or tumor biology. The applicant should be a Ph.D. with recent post-doctoral experience in one of the above areas and with competence in the use of physiographs and similar recording systems. Excellent research taclitities will be made available to the successful applicant who will also be expected to develop a research program in one of the above areas. A curriculum vitae including statement of teaching and research interest together with reprints and the names of three referees should be sent to: Dr. A.H. Wamer, Head, Department of Biology, University of Windsor, Windsor, Ordario, N98 3P4.

UNIVERSITY DF GUELPH. School of Human Biology, Applications are invited from scholars with M.D., Ph.D., or equivalent, and a background in human litle science, for the position of Director of the State of Human Biology and Chairman, Department (the Content of Human Biology and Chairman, Department (the Content of Human Biology and Chairman, Department (the Content of Human Biology and Statem appointment (the Content of Human Biology and Statem and Indian Statem and Experience of Biologications are invited from scholars with M.D., Ph.D., or equivalent, and a background in human lite science, for the position of Director of the Statem and Content of Human Biology and Chairman, Sent of the Statem and Statem and

gramme leading to a Master's degree in the fleid. Applications, which will continue to be considered until the post is filled, hopefully by 81 01 01, should include a curriculum vitae and the names of referees should be addressed to: Professor Keith Ronald, Dean, College of Biological Science, University of Guelph, Ontario Canada, N1G 2W1, (519) 824-4120, ext. 3342. Science, University or Capada, Nata 2016. Canada, N1G 2VI1. [519] 824-4120, ext. 3342.
DALHOUSIE UNIVERSITY. Department of Biology. Instructor Vacancy. Responsible for the running of labs and for general organizalion of Biology 2046A (Ecology and Evolution) and Biology 2046A (Ecology and Evolution) and Biology 2046A (Ecology and Population Genetics Labs of Biology 2046B. The minimal background is an Honours B.Sc. with concentration in Population Ecology and/or Population Genetics. Individuals possessing an M.Sc. in one of these areas would be preferred. Position starts July-August 1980, and would be for one year in the first Instance, Salary according to collective agreement — minimum \$12,400. Interested individuals contact The Chairman, Department of Biology, Dalhousie University, Hallfax, Nova Scotia, 834 4J1. B3H 4.11

William Particular Statistics of the Control of Saskatchewan. Dependent of Blology. Research Associate in Saed Physiology. Ouallifications: Ph.D. with a strong background in plant physiology and blochemistry, post-doctoral research experience in the blochemistry of seed viability, germination and herbicide action in wild oats. Candidales should be Canadlan or hold landed immigrant status. Ferm of employment: 2 1/2 years. (from September 1, 1980). Write to: Dr. JMaylor, Oepartment of Biology, University of Saskalchewan, Saskatone, Saskalchewan, S7N OWO. S7N OWO.

Saskalchewan, Saskaton, Saskalchewan, S7N 0W0.

BROCK UNIVERSITY. Department of Blological Sciences. Research Associete in Biological Sciences. This appointment will involve both teaching and research duties for a period of one to five years, depending upon the successful candidate's interests and abitities. Applicants should be treated in research in the result of the second o

BOTANY

UNIVERSITY OF TORONTO. Department of Boteny. Visiting Lectureship in Plani Physiology (Blophysics). Applicants are invited for a one-year appointment to the taculty of the Department of Botany as Visiting Lecturer. The successful candidate would normally have a Ph.D. and some postdoctoral experience, and would be expected to teach courses in the more biophysical aspects of plant physiology. The salary would be negotiable within the Assistant Professor range: \$17.400 — \$29,600. This position will be available after July 1, 1980. Further particulars can be obtained from Professor J. Osinity, Department of Botany, University of Toronto, Toronto, Ontario, MSS 1A1, Canada, to whom all applications and the names and addresses of three referees should be sent.

BUILDING STUDIES

CONCORDIA UNIVERSITY. Centre for Building Studies. Energy Conservetion. Faculty and Research Positions. The Centre for Building Studies is seeking candidates

for full-time faculty and research positions in support of its research and teaching programmes in the area of energy conservations are programmed in the area of energy conservations are programmed in the area are different and the programmed in the area are different and the area of the area

BUSINESS ADMINISTRATION AND COMMERCE

UNIVERSITY OF WATERLOO. Department of Economics. Business Administration and Commerce. Applications are Invited for several faculty positions from those with teaching and research interests in accounting, auditing, taxation and linance. Doctorate in hand or near completion is prefered but candidates who plan to pursue doctoral studies in the future will be considered. Teaching excellence is required; research potential is desirable. Ranks open and salaries competitive depending upon education and experience. Appointments will be from September 1, 1980 but other dates can be arranged due to the flexibility provided by our year round co-op programmes. Application or Inquiries, including curriculum vitae, should be sent to Professor Robert Long, Director of Accounting Programmes. Department of Economics, University of Waterloo, Waterloo, Ontario, NL2 3G1. (First consideration will be given to those applicants who at the time of application are legally eligible to work in Canada for the period covered by these positions. Availability of these positions is subject to budgetary approval).

WILFRID LAURIER UNIVERSITY. School of Business and Economics. Applications in the areas

WILTERID LAURIER UNIVERSITY. School of Business and Economics. Applications are invited for teaching positions in the areas of: Accounting, Finance and Organizational Behaviour for the 1980-81 teaching year. Oualifications: Ph.D. or Ph.D. candidates. Duties: Include graduate and/or undergraduate teaching. Applications will be accepted until positions are filled, and are subject to budget approval. Send applications to: Dr. T.F. Cawsey, Ph.D., Associate Dean of Business, School of Business and Economics, Wilfird Laurier University, Waterloo, Ontario, N2L 3C5, Canada.

cusiness and economics, Willrid Laurier University, Waterloo, Ontario, N21. 3C5, Canada.

Chiversity, Waterloo, Ontario, N21. 3C5, Canada.

CMCMASTER UNIVERSITY. Faculty of Business. Applications are invited in the following areas: (i) Accounting, (ii) Business Policy, (iii) Finance, (iv) Management Information Systems, (v) Marketing and International Business, (vi) Marketing Research, (vii) Production and/or Management Science. Rank depends on qualifications and experience; preferably at the Assistant or Associate Professor level. Visiting appointment is also possible. Ph.D. or DBA degree is expected, preferably with the action of the production and research experience. Duties include research and teaching allowing the analysis of the production and/or Management Science will be expected to contribute to the Ph.O. program in these areas. Applicants in both fields of Marketing will have to teach courses in introductory Marketing. Defication and water the production and comparative water than the production of the productio

WILFRED LAURIER UNIVERSITY. School of Business and Economics. Applications are invited for teaching positions in the area of: Accounting, Finance and Business Policy for the 1980-81 teaching year. Outlifications: Ph.D. or Ph.D. candidates. Dutles: Include graduate and/or undergraduate leaching. Applications will be accepted until positions are filled, and are subject to budget approval. Send applications to: Dr. T.F. Cawsey, Ph.D., Associate Dean of Business, School of Business and Economics, Wilfred Laurier University, Waterloo, Ontario, Canada, NEJ 303.

University, Waterloo, Ontario, Canada, N2L CS.

OUERN'S UNIVERSITY. School of Business. Assistant or Associate Professor(s) positions open for applicants holding Ph.D. Teaching and research duties in any of the principal fields of Marketing, Finance or Accounting, Competitive salary levels depending on experience. Candidates of both sexes are equally encouraged to apply. Send resume to Associate Dean H.O. Helmers, School of Business, Oueen's University, Kingslon, Ontario, K7I. 3NS. UNIVERSITY OF MANITOBA. Feculty of Administrative Studies. Department of Accounting and Finance. Finance Area. 1. Rank open. 2. Ph.D. in hand or dissertation near completion. 3. Undergraduate and M.B.A. teaching and research in the finance area. 4. Salary fully competitive depending on qualifications and experience. 5. Professor M. Hilton, Acting Head, Department of Accounting and Finance, Faculty of Administrative Studies. University of Manitoba, Winnipeg, Manitoba, R3T 2N2. 6. July 1, 1980. 7. Applications will be accepted until positions are filled. Canadian citizens, landed immigrants and others eligible for employment in Canada at the time of apply. UNIVERSITY OF ALBERTA, Faculty of

ed to apply.
UNIVERSITY OF ALBERTA. Faculty of
Business Administration and Commerce.
Applications are invited for faculty positions from those with feaching and research Business Administration and Commerce. Applications are invited for faculty positions from those with feaching and research interests in: accounting, finance, management science, marketing, business policy, personnel, industrial relations and legal relations. Ph.D. or equivalent is desirable. Salary and rank depend on qualifications. Applications welcome until positions are filled. Appointments normally effective July 1. Send resume to: Dr. Roger S. Smith. Dean, Faculty of Business Administration and Commerce, The University of Alberta, Edmonton, Alberta, 162 G21. The University of Alberta is an equal opportunity employer. UNIVERSITY OF WATERLOO. Department of Economics. Business Administration. Applications are invited for several faculty positions from those with feaching and research interests in accounting, auditing, taxation and finance. Doctorate in hand or near completion is preferred but candidates who plan to pursue doctoral studies in the future will be considered. Teaching and research excellence are required. Ranks open and salaries competitive depending upon education and experience. Appointments will be from September 1, 1980 but other dates can be arranged due to the flexibility provided by our year round co-op programs. Application or inquiries, including curriculum vitae, should be sent to Professor Robert Long, Director of Accounting Programmes, Department of Economics, University of Waterloo, Waterloo, Onlario, N2L 3G1. (First consideration will be given to those applicants who at the time of application are legally eligible to work in Canada for the period covered by these positions. Availability of these positions is subject to budgetary approval).

positions. Availability of these positions is subject to budgetary approval).

UNIVERSITY OF PRINCE EDWARD ISLAND. Depertment of Business Administration. Applications are invited for a caching position in Marketing for a neavear replacement for professor on leave. Minimum of M.B.A. with industrial experience. Teach courses in Introductory Marketing at the undergraduate level. Salary commensurate with experience and qualifications. Send curriculum vitae, three letters of reference and copies of graduate transcripts to Professor Waller E. Isenor, Chairman, Department of Business Administration, University of Prince Edward Island, Charlottetown, P.E.I. C1A 4P3. Position effective July 1, 1980. Closing date for applications when position is filled. UNIVERSITY OF PRINCE EDWARD ISLAND. Depertment of Business Administration. Applications are invited for a teaching position in Organizational Behavior/Management in the Department of Business Administration at the University of Prince Edward Island. Minimum of M.B.A. with teaching experience. Teach Organizational Behavior/Management and

general business subjects at the undergraduate level. Salary commensurate with experience and qualifications. Send corriculum vitae, Ihree letters of reference and copies of graduate transcripts to Professor Walter E. Isenor, Chalrman, Department of Business Administration, University of Prince Edward Island, Charlottetown, P.E.I., C1A 4P3. Position effective July 1, 1980. Closing date for applications when position is filled.

BUSINESS POLICY

WILFRID LAURIER UNIVERSITY, School of Business end Economics. Business Policy.

1. Lecturer up to Associate Professor in Business Policy courses. 2. M.B.A. minimum requirement for Lecturer, Ph.C. Associate Professor.

Teach a minimum of nine hours per week. 4. Negotiable. 5. Dr. T.F. Cawsey, Ph.D., Associate Oean of Business, School Business and Economics, Wilfrid Laurier University, Waterloo, Ontario, Canada, N2L. 3CS. 6. Starting July 1, 1980. 7. When positions filled. Positions subject to budget approval.

CHEMISTRY/CHIMIE

UNIVERSITY OF GUELPH. Guelph-Waterloo Centre for Graduale Work In Chemistry. Research Associate/Postdoctorate Positions. Research Associate/Postdoctorate Positions. Research Associate/Postdoctorate positions in Theoretical Chemistry available at the Guelph-Waterloo Centre for Graduate Work in Chemistry. Experience in theory and calculation of electronic structure of molecules using variational and/or perturbation theory approaches required. Candidates should send a curriculum vitae and names of three references to: Professor Michael C. Zerner, Guelph-Waterloo Centre for Graduate Work in Chemistry, University of Guelph, Guelph, Ontario, N16 2W1. UNIVERSITY OF ALBERTA. Department of Chemistry. A Ray Crystallography. Applications are Invited for the position of Research Associate in X-ray crystallography. The successful applicant, who should hold a Ph.D., will be responsible for the development and operation of X-ray crystallography. The successful applicant, who should hold a Ph.D., will be responsible for the development and operation of Acry crystallographic service with the department. The scientist will be in harped a modern single crystal directometer which will complement congoing esserch programs. Collaboration in staff members are considered to the service will be included to the position of this developing into a permanent position. The salary will be compensed to the position of the service will be concurred to the folioping into a permanent position. The salary will be compensed to the position of the service will be concurred to the folioping into a permanent position. The salary will be compensed to the position of the salary will be compensed to the position of the salary will be compensed to the position of the salary will be compensed to the salary salary be containing a curriculum vitae and the names and addresses of two references should be sent before July 15, 1980 to R. J. Crawford, chairman, Department of Chemistry, University of Alberta, Edmonton, Alberta, Canada, T6G 2G2. UNIVERSITY OF SASK

Instructors at the University of Toronto, Scarborough Campus, for 1930-81 academic year. The positions are full-time sessional appointments beginning September 1930. A.B.S.c. or N.S.c. is required. The terres 1930 include demonstrating in further 1930 include demonstrating in further 1930 include demonstrating in further 1930 included and 1930 included the control of the control

CLASSICAL STUDIES

BISHOP'S UNIVERSITY. Department of Clessical Studies. Bishop's University has an opening in the Department of Classical Studies commencing July 1st, 1980. We are looking for a promising scholar with a specialization in Roman History and Latin Literature, preferably with an interest in its length of the state of the

COMMUNICATION STUDIES

UNIVERSITY OF WINDSOR. Depertment of Communication Studies. The Department of Communication Studies seeks to meke one appointment immediately in the area of Press Studies and news processes. The department prefers cendidates with at least the M.A. along with significant media experience. Please write or phone: Head, Department of Communication Studies, University of Windsor, Windsor, Ontario, N9B 3P4. (519) 253-4232, ext. 726.

COMPUTER SCIENCE/ INFORMATIQUE

MCGILL UNIVERSITY. School of Computer Science. The School of Computer Science Invites applications for the position of Assistant Professor. A Ph.D. or equivalent Is required. All specializations in computer science are of Interest but preference will be given to candidates with established records in programming languages, software systems, operating systems, end data

base design. Responsibilities include research and teaching at the graduate and undergraduate level. Salary regotlable. Curving minimum starting salary 524,150. Beginning September, 1980. Fenure line position. Candidates should write to: Professor M.M. Newborn, Director, School of Computer Science, McGill University, Burnside Hall. 805 Sherbrooke Street West, Montreal, Ouebec, HA2 246, Canada. UNIVERSITY DF NEW BRUNSWICK. School of Computer Science. 1. Assistant Professor (tenure stream). 2. Ph.D. in Computer Science. 1. Assistant Professor (tenure stream). 2. Ph.D. in Computer Science, Carching at the undergraduate and graduate levels and collaborative research. 4. Salary commensurate with qualifications and experience. 5. Apply to Dr. W. D. Wasson, Director, School of Computer Science, University of New Brunswick, Fredericton, New Brunswick, Canada, E38 5A3. 6. Appointment to commence September 1, 1980. 7. When position is filled.

UNIVERSITY OF WESTERN ONTARID. Depertment of Computer Science. Applications are invited for tenure track positions at the level of Assistant Professor, commencing July 1, 1980. A Ph.D. in Computer Science together with evidence of a strong ongoing research program is essential. Duties Include teaching at all sevels of general, honors, and M.Sc. programs. Appointments conditional on budget approval. Send applications to: Dr. E. W. Elcock, Chairman, Department of Computer Sciences, Building, The University of Western Ontario, London, Ontario, NSA 589.

ROYAL MILITARY COLLEGE OF CANADA.
Depertment of Computer Science. 1. The
Royal Military College of Canada has two
positions available at the Assistant Professor level. 2. Candidates must hold a
Ph.D. In Computer Science or a closely
related field with specialization in one or
more of the following areas: programming
languages and compilers, operating
systems, data base management systems,
digital communications and computer networks, logic design and intertacing, real
time digital computer control systems,
systems engineering, software engineering.
3. Dutles will include computing centre support, teaching at the undergraduate and
graduate (master's) levels, and research.
Eligibility for membership in the APEO and
the ability to work in both official ainguages
are definite assets. 4. Salary scales
(1979-80); \$19,400 - \$28,500, depending on
experience and qualifications. 5. Applications, including curriculum vitae and names
of three referees, should be forwarded to:
Dr. R. Benesch, ADP Director, Royal Military
College of Canada, Kingston, Ontario, KYL
2W3. 6. Appointment date open. 7. When
positions are tilled.
ROYAL MILITARY COLLEGE DF CANADA.
Departement d informetique. 1. Le Royal
Military College of Canada offre deux
postes au niveau de professeurs adjoint chechées sont: les languages dre deux
un champs associa. Les spécialités cherchées sont: les languages dre deux
un champs associa. Les spécialités cherchées sont: les languages dre deux
un champs associa. Les spécialités cherchées sont: les languages dre gestion des
données, les communications en mode
digital, les réseaux d'ordinacte aux périphériques, le contrôle digital en tenps réel, la
conception des systèmes la conception du
logiclei. 3. Les tâches comprendront le support des recherche La majorité du
traisance des deux langues officielles constile un avantage ainsi que l'égilibilité aux
exception des systèmes la conception du
logiclei. 3. Les tâches comprendront le support des références deviauer en anglais mais la conception

applications are preferred. Duties will include the teaching of undergraduate courses, research and departmental duties. The 1978-79 salary floors of the University were as follows: Lecturer \$16,840, Assistant Professor \$20,600, Associate Professor \$27,040, New floors are under negotiation. Applications with curriculum vitae and names of three referees should be addressed to: Dr. K.J., Kuepper, Dean of the Faculty, Bishop's University, Lennoxville. Ouèbec, JIM 127.

Ouebee, J1M 127.
UNIVERSITY DF TDRDNTD. SCAR-BOROUGH COLLEGE. Physical Sciences Division. Computer Science. Assistant Professor (Tenure Stream). Duties will include undergraduate teaching, graduate teaching (at the University of Toronto, St. George campus) and research. Applicants must have a Ph.D. in Computer Science. To commence July 1 or September 1, 1980. Please send curriculum vitae and names of three referees to: Professor John E. Dove, Chairman, Physical Sciences Qivision, Scarborough College, University of Toronto, 1255. Military Trail, West Hill, Dntario, Canada, MTC 1A4. (This position is subject to approval).

UNIVERSITE DE MONTREAL. Voir secteur Informatique et recherche opérationnelle.

DENTISTRY

UNIVERSITY DF SASKATCHEWAN. College of Dentistry. Depertment of Restorative end Prosthetic Dentistry. A one year term appointment July 1780. — June 30/81 is available for a person with graduate training in operative offers of the standing in operative dentistry. This is united with the standing in operative dentistry. This is united with the standing in the standing in the standing dentistry and dental reaching in restorative dentistry of Saskatchewan, Saskaton, Saskatchewan, Saskaton, Saskatchewan, Srn WW.

DALHOUSIE UNIVERSITY. Faculty of Dentistry, Division of Oral Pathology, Callitime taculty positions available in the Division of Drail Pathology, Callitime taculty positions available in the Division of Drail Pathology, and the undergraduate, graduate and dental awailary levels; teaching oral pathology at the undergraduate dental level and oral biology and general pathology at the dental auxiliary levels; biopsy service and a clinical consultation service; research. Salary and rank commensurate with qualifications and experience. Contact Dr. B.B. Harsanyl, Head, Division of Drail Pathology, Faculty of Dentistry, Dalhousle University, Halifax, Nova Scotia, Canada, B3H 3J5. Phone: 902-424-3767.

DRAMA

UNIVERSITY OF GUELPH. Department of Drame. Assistant Professor (contractually limited appointment, September 1, 1990-May 31, 1981, subject to final budgetary approval) for undergraduate teaching in the areas of Acting, History of the Theatre, Canadian Theatre (history and literature) and the direction of a play(S-Ph.D. and prior teaching experience required. Salary according to qualifications. Send applications, including curriculum vitae and the names of three referees, to Chairman, Department of Drama, University of Guelph, Guelph, Dhatrio, NTG 2W1. Closing date for epplications, July 31, 1980.

ECONOMICS

DALHOUSIE UNIVERSITY. Department of Economics. 1. Position for Assistant Professor. 2. Ph.D. or equivalent. 3. Position is in mathematical economics and requires instruction of graduate students and possibly students at the undergraduate level. Dutles require excellent training in both mathematics (including measure and integration theory and topology) and economic theory. We are seeking candidates with a strong background in modern equilibrium theory — including the theory of continuum economics, regular economics and existence theory — and

capital accumulation theory. 4. Present range under contract \$17,750 - \$26,450. 5. Professor R.L. Comeau, Chairman, Department of Economics, Dalhousle University, Haillax, Nova Scotia, B3H 3J.5. 6. July 1, 1980. 7. June 30, 1980.
UNIVERSITY DF SASKATCHEWAN. Department of Economics and Political Science. An opening is available for a one-year appointment (leave replacement) at the assistant professor level in economics to teach principles and theory at the undergraduate level. Ph.D. preferred, some teaching experience desirable. Normal starting date is July 1, 1980. Salary upwards of \$19,519 (1979-80 scale) per annum for the assistant professor rank. Commensurate with qualifications and experience. Applications, including curriculum vitae and names of three referees, should be sent to Professor K. Lal, Acting Head, Department of Economics and Political Science, University of Saskatchewan, Saskatoon, Saskatchewan, S7N 0W0.

EDUCATION

UNIVERSITY DF SASKATCHEWAN. College of Education. Department of Curriculum Studies. Lenguege Arts Education. The College of Education in the College of Education in Language Arts Education (Secondary School Level) in the Department of Curriculum Studies. There will also likely be a term appointment of one year with a possible extension to three years. Dutilications: Doctorate or near completion of doctoral program; successful teaching experience at the Junio and/or High School level. Candidate shoul have a strong background or unquistles, and experience at the Junio and or High School level. Candidate shoul have a strong background or unquistles, and several courses in the Language and graduate courses in the Language Arts, and the Course of the Language and graduate courses in the Language Arts, and the Course of the Language Arts, and the Course of the Cou

Education and Curriculum Development; demonstrated teaching competence at the Primary School level; experience in the supervision of student teaching, Responsibilities: 1) Teach undergraduate and graduate courses in Early Childhood Education; participate in school-based tield experiences; supervise interns and student teachers. 2) Advise graduate students. 3 Encourage and conduct research. Rank and Salary: Assistant Professor. Commensurate with experience and quell fications. Employment Date: July 1, 1980. Deadline: When Date: July 1, 1980. Deadline: When Studies, College of Education, University of Saskatchewan, Saskatone, Saskatchewan, Sa

Studies, College of Education, University via Studies, College of Education, Saskatchewan, Saskatchewan, Saskatchewan, Saskatchewan, Saskatchewan, Saskatchewan, Saskatchewan, Saskatchewan, Saskatchewan, Security of Education Special Education, Alaculy member is required at the Assistant, Associate, or Full Professor level to teach primarily undergraduate courses in Special Education for students who are teaching or preparing to teach in Elementary schools. The initial appointment would be for one year beginning July 1, 1980. Salary negottable. Ph.D. in Special Education preferred, with some school experience. Please apply to Dr. Marian Small, Chairman, Division of Curriculum and Instruction, Faculty of Education, University of New Brunswick, P.O. Box 4400, Fredericton, New Brunswick, E3B 5A3.

ENGINEERING

UNIVERSITY OF REGINA. Faculty of Engineering. Engineer/Planner to teach undergraduate and graduate level classes, including land use planning and environmental impact classes relating to transportation and water resources planning. Experience in transportation and water resources and Ph.D. desirable, industrial Engineer to teach industrial Systems Engineering and General Engineering classes. Research and consulting encouraged. Rank commensurate with experience. Send resume to Dean W.B.H. Cooke, Feculty of Engineering, University of Regina, Regina, Saskatchewan, SAS 042. MOUNT ALLISON UNIVERSITY. Engineering Department. Applications are invited for

MOUNT ALLISON UNIVERSITY. Enginaering Department. Applications are invited for a two-year appointment at the Lecturer level. M.E. in any branch of engineering is suitable, professional experience an asset. Expected teaching duties are in introduc-tory level engineering courses in the first two years of a common-core curriculum. Salary will be based on qualifications and experience. Write: Professor G.W. Hannah, Engineering Department, Mount Allison University, Sackville, New Brunswick, EOA 3CO.

University, Sackville, New Brunswick, EOA ACO.

ACO.

MCMASTER UNIVERSITY. Department of Civil Engineering and Engineering Machanics. Wetar Resources Engineering And Engineering Machanics. Wetar Resources Engineering and Engineering Mechanics at McMaster University will be making a tenure-track appointment in the Water Resources engineering field at the Assistant Professor level, ettective July 1, 1980 or as soon as feasible thereafter. Applicants should hold the Ph.D. degree. Interest in municipal water resources engineering in general and familiarity with systems analysis of municipal hydraulics and/or wastewater treatment systems would be an advantage. The successful applicant will be expected to participate in the undergraduate and graduate teaching programmes and also conduct research in his field of specialized. conduct research in his field of specializa-tion; salary level commensurate with qualifications and experience. Applications with curriculum vitae and the names of three referees should be sent as soon as possible to the Chairman, Department of Civil Engineering and Engineering Mechanics, McMaster University, Hamilton, Ontario. L8S 417. McMASTER UNIVERSITY. Department of Civil Engineering Mechanics. Geo-lecthoical

MCMASTER UNIVERSITY. Department of Civil Engineering. The Department of Civil Engineering. The Department of Civil Engineering. The Department of Civil Engineering and Engineering Mechanics at McMaster University will be making a tenure track appointment in the geotechnical engineering field at the Assistant Professor level, effective July 1, 1980 or as soon as feasible thereafter. Applicants should hold the Ph.D. degree. An interest and experience in experimentel soil mechanics research would be an advantage. The successful applicant will be expected to participate in the undergraduate and graduate teaching programmes and also conduct research in his field of specialization; salary level commensurate

with cralifications and experience. Amplica-tions with curriculum vitae and the ame of three referees should be sent as soon as possible to the Chairman, Department of Civil Engineering and Engineering Mechanics, McMaster University, Hamilton, Ontario, L85 417.

Mechanics, McMaster University, Hamilton, Ontario, L83 41.7.
UNIVERSITY OF BRITISH COLUMBIA. Dapartment of Bio-Resource Engineering. The Department of Bio-Resource Engineering has a tenure track teaching and research position open at the Assistant Professor level in the area of Soil and Water Engineering. The position will require teaching engineering the area of Soil and Water Engineering. The position will require teaching engineering the soil of drains are the state of the soil of the soil

ENGINEERING _ **AGRICULTURAL**

UNIVERSITY OF GUELPH. School of Engineering. Agriculture Engineering. Agriculture Engineering. Agricultural Engineering. Agricultural Engineering serious are invited for the position Assistant Professor — Ph.D. in Agricultural mechanization (Field and/or farmstead mechanization with interest in systems). Degrees in other areas of engineering will be considered. To teach undergraduate and graduate courses in general engineering and agratultural mechanization and to the considered of the considered in the considered in the considered in the consideration and to the consideration of the consideration and the considerati

pointee will possess a doctoral degree with specialization in one or more of the follow

ing areas: field crop mechanization, in-strumentation in agriculture, agricultural waste management, interactions of plants and animals with their environment. Ex-perience is preferable but not mandatory. Canadian citizens, permanent residents, and others eligible for employment in Canada at the time of application are especially encouraged to apply. The date of appointment will be January 1, 1981. The term of appointment will be dependent on the qualifications including a curriculum vitae and the names of three willing referees should be sent to Professor M.G. Britton, Acting Head, Department of Agricultural Engineering, University of Manitoba, Win-nipeg, Manitoba, R3T 2N2 by August 15, 1980.

ENGINEERING - BIOCHEMICAL

UNIVERSITY OF WESTERN ONTARIO. Feculty of Engineering Science. Biochemical Engineering. Applications are invited for a tenured position as an Associate or Full Professor in Biochemical Engineering. The successful applicant must have an established teaching and research record. Industrial experience would be an asset. Rank will be consistent with qualifications and experience. Effective date of the appointment is either January 1, 1981 or July 1, 1981. Costing date for applications is July 31, 1980. Applications including curriculum vitae and names of three referees should be sent to Dr. G.F. Chess, Dean, Faculty of Engineering Science, The University of Western Ontario, London, Ontario, Canada, N6A 5B9.

ENGINEERING — CHEMICAL

ROYAL MILITARY COLLEGE OF CANADA. Département de chimie et génie chimique. Le Département de chimie et génie chimique offre un poste de professeur adjoint ou agrégé selon l'expérience. Formation en génie chimique et spécialisation en sciences des matériaux. Le doctorat est préfèré. Enseignement au premier et deux-lème cycles en génie. Compétitif aux universités de l'Ondraio. Faire parvenir curriculum vitae au Dr. Pierre Bussières, Assistant au principal, Royal Military College of Canada, Kingston, Ontario, KTL 2W3. Date de nomination: ler juillet 1980. Ouvert. UNIVERSITY OF SASKATCHEWAN. Department of Chemistry and Chemical Engineer

nomination: ler juillet 1980. Ouvert.

JOHIVERSTY OF SASKATCHEWAN. Department of Chemistry and Chemical Engineering. Applications are invited from qualified candidates for appointments as Postdoctoral Fellows and Research Associates in the following fields of chemistry and chemical engineering. Quantum chemical calculations on conformational changes and chemical reactions; photochemistry and radiation chemistry of transitional metal complexes; laster photochemistry and radiation chemistry of transitional metal complexes; laster photochemistry, photophysics and spectroscopy; organometallic chemistry and organic reaction mechanisms, electron spin resonance studies of silicates and radicals, chemical reactions generated by ultrasound dynamics of fast reactions using ultrasound dynamics of fast reactions using ultrasound citechniques, corrosion engineering, catalysis, production of liquid and gaseous fuels from coal. These positions are tenable initially tor one year, renewable, at rates up to the maximum allowed by the NSERC grant regulations. Send curriculum vitae to the undersigned, from whom further particulars may be obtained. Professor A. R. Knight, Chairman, Department of Chemistry and Chemical Engineering, University of Saskatchewan, S7N 0W0, Canada. Telephone 306-343-2933.

ENGINEERING - CIVIL

UNIVERSITY OF NEW BRUNSWICK.
Department of Civil Engineering. 1. Assistant professor as a sabbatical replacement.
2. Minimum M.Sc. degree and at least three years of teaching experience. 3. To teach elementary structures and strength of materials; some assistance with graduate research in structures. 4. Salary scale is under negotiation at the present time. 5.
Ralph M. Francis, Department of Civil Engineering, University of New Brunswick, P.O. Box 4400, Fredericton, New Brunswick, E3B 5A3. 6. September 1, 1980 to June 30, 1981. 7. August 15, 1980.

ENGINEERING — COMPUTER

UNIVERSITY OF OTTAWA. Department of Electrical Engineering. Computer Engineer-ing. Excellent opportunity. Tenure track faculty position in Computer Engineering. We seek an ambitlous individual, preferably computer hardware oriented, to contribute to our dynamic program at the undergraduate and graduate level, and to develop his own research. A Ph.D. degree is develop his own research. A Ph.D. degree is reouired. Industry experience is an asset. Ottawa offers a unique opportunity in Canada for industrial research contacts and consulting. Start: as early as possible. Please send resumé and names of references to Dr. Wolfgang J.R. Hoefer, Chairman, Department of Electrical Engineering, University of Ottawa, Ottawa, Ontario, K1N 6N5, Canada. Tel: (613) 231-2403 Ontario, 231-2493.

Ontario, K1N 6N5, Canada. Tel: (613) 231-2493.

MCMASTER UNIVERSITY. Department of leactrical and Computer Engineering, One tenurable position is open preferably at the Assistant Professor level. Candidates must have a strong commitment to undergraduate and graduate teaching, and a good research record with the potential roursue vigorous independent research. Preference will be given to candidates with demonstrated proficiency in hardware and/or software aspects of computer engineering and modern control systems. A Ph.D. and refereed publications are essential. Resumes, including the names and addresses of three referees should be addressed to Dr. D.P. Taylor, Chairman, Department of Electrical and Computer Engineering, McMaster University, Hamilton, Ontario, Canada, L8S 4L7. Engineering, McMaster University, Hamilton, Ontario, Canada, L8S 4L7.

ENGINEERING - ELECTRICAL COMPUTER

UNIVERSITY OF WATERLOO. Depertment of Electricel Engineering. Assistant Professor level, one probationary in a tenure-stream and one delinite term, in the areas of Computers and Microwaves/Antennas. Applicants must hold a doctorate and have a strong commitment to both undergraduale and graduate teaching and research. Industrial experience would be considered an asset and a demonstrated apilitude for research is essential. An appointment of September 1990 is anticipated at a salary commensurate with experience and qualifications. A detailed resumé, a statement of teaching and research interests and the names of three referees should be sent to: Chairman, Department of Electrical Engineering, University of Waterloo, Waterloo, Ontario, N2L 3GT, Canada. First consideration will be given to those applicants who are legally eligible to work in Canada at the time of application. Subject to the availability of funds.

NOVA SCOTIA TECHNICAL COLLEGE. Department of Electrical Engineering. Faculty Positions. Applications are invited for both tenure track and temporary positions starting July or September 1980. A Ph.D. or equivalent qualification with experience in leaching and research are minimum qualifications. Preferred areas of specialization are digital communication systems, instrumentation and signal processing. Other areas of current interest are energy supply systems, computer control systems and bio-medical engineering, Rank and sandary and experience should be sent to: Dr. O.K. Gashus, Head, Department of Electrical Engineering. Applications will be awarded according to qualifications and experience should be sent to: Dr. O.K. Gashus, Head, Department of Electrical Engineering. Applications will be averged the control of the areas of computers and invited for an Assistant Professorship in one of more of the areas of computers and invited for an Assistant Professorship in one of more of the areas of computers and invited for an Assistant Professorship in one of more of the areas of computers and invited for an As

trical Engineering. Applications are invited for an Assistant Professorship in one or more of the areas of computers and logic more of the areas of computers and logic design, electronics or communications end transmission. Background in teaching and research desirable. Industrial experience and professional Engineer status advantageous. Basic duties will include undergraduate and graduete teaching, research compatible with the departmental program, and participation with other ecademic staff in the academic and administrative affairs of the department. Salary dependent upon quelifications. Candidates of both sexes are equally encouraged to apply. Submit detailed curriculum vitae, with letter end names of three referees, be received no later than June 30, 1980, to P.H. Wiltke, Head, Department of Electrical Engineering, Queen's University, Kingston, Ontario, K71, 3N6.
UNIVERSITE DE MONTREAL. Voir secteur Informatique et recherche operationnelle.

ENGINEERING — MATERIALS

UNIVERSITY OF WESTERN ONTARIO. Faculty of Engineering, Science. Materials Engineering, Splications are invited for an appointment as Assistant Professor in Materials Engineering, Qualification required is a Ph.D. (or equivalent) in Materials Engineering or Metallurgy, Academic duties include Initiation and conduct of research, supervision of graduate students, and teaching at both the graduate and undergraduate level. The position should be filled by July 1, 1981 or earlier. Loising date for applications, including curriculum vitas and the names of three referees may be sent to: Dr. G.F. Chess, Dean, Faculty of Engineering Science, The University of Western Ontario, London, Ontario, Canada, NSA 589.

ENGINEERING - MECHANICAL

UNIVERSITY OF WATERLOO. Department of Mechanical Engineering. 1. Assistant Professor. Tenure track position, initial appointment will be for three years. 2. A recent Ph.D. graduate with experience in digital and analog control of mechanical systems. 3. Teaching responsibilities will be primarily at the undergraduate and graduate levels in control and automation. The successful applicant will be expected to contribute to the department's research in this area. He will interact with faculty who have ongoing projects in this and related areas such as fluid power, machinery diagnostics and noise control. 4. Salary will be commensurate with experience and qualifications. 5. A detailed curriculum vitae, a statement of teaching and research Interests and the names of three referees should be sent to Dr. D.J. Burns, Chalrman, Department of Mechanical Engineering, University of Materloo, Ontario, N2L 3G1. 6. September 1st, 1980 preferred. 7. No closing date for receipt of applications, Subject to the availability of funds). First consideration will be given to those applicants who at the time of application are legally eligible to work in Canada for the period covered by this position.

work in Canada for the period covered by this position.

MCMASTER UNIVERSITY. Department of Mechanical Engineering. Position: (i) Research Associate or P.D.F. required for a period of not less than one year, commencing September 1980, to work in the general area of metalforming. (ii) Research Associate for the summer of 1981, for about six months, to work on slip line fields for anisotropic solids. Contact: Dr. R. Sowerby, Department of Mechanical Engineering, McMaster University, Hamilton, Ontario, L85 4L7.

McMaster University, Hamilton, Ontario, L8S 41.7.
UNIVERSITY OF BRITISH COLUMBIA. Department of Mechanical Engineering. A tenure-track position is available for September 1, 1980 or July 1, 1981 in Heat Transfer or Thermodynamics. Younger candidates of outstanding research and iecturing potential are being sought for appointment at the Assistant Professor or possibly the Associate Professor level. Preference will be given to candidates with lecfuring experience and the Ph.D. degree or high experience and the Ph.D. degree or high experience would be considered, so that faculty on leave from other institutions may wish to apply. Write to: Professor Philip G. Hill, Head, Department of Mechanical Engineering, University of British Columbia, Vancouver, British Colu

Vancouver, British Columbia, vol. 1995, Canada.
CARLETON UNIVERSITY. Depertment of Mechanical and Aeronauticel Engineering. A Senior Research Associate is required for a research project on Terrain-Vehicle Systems Analysis funded by a government department. The candidate should have a Ph.D. degree in Engineering and considerable research experience in the mechanics of vehicle-terrain interaction, ap-

piled mechanics and numerical analysis. The position is initially for one year with possibility of renewal. Applications should be forwarded to Dr. J.Y. Wong, Department of Mechanicel and Aeronautical Engineering, Carleton University, Ottawa, Ontario, K15 586.

ENGINEERING — MINING/ METALLURGICAL

NOVA SCOTIA TECHNICAL COLLEGE. Deperiment of Mining and Metallurgical Engineering. The Department of Mining and Metallurgical Engineering at the Nova Scotia Technical College Invites applications for a faculty position in the area of Physical Metallurgy. Duties Include teaching at the graduate and undergraduate level and supervision of graduate students' research. A Ph.D. in Metallurgical Engineering is required. Prior industrial experience is desirable. Starting date is November 1, 1980. Applicants should send their resume along with the names of three references to: Dr. K.V. Gow, Professor and Department Head, Department of Mining and Metallurgy, Nova Scotia Technical College, P.O. Box 1000, Halifax, Nova Scotia, BSJ 2X4.

FILM.

YORK UNIVERSITY. Film Department. 1)
Lecturer in film production and still
photography at the introductory level of
our-year honours program. Experience with
Super 8 as a teaching tool is desirable. Sessional appointment September 1, 1980 to
April 30, 1981. 2) Assistant Professor in film
studies qualified to teach courses such as
Directors' Cinema, Canadian Film and
general first year introduction to film. One
year appointment September 1, 1980 to
June 30, 1981. (Appointments subject to
budget approval). Send letter of application
with resume and references to: Stan Fox,
Chalrman, Film Department, Faculty of Fine
Arts, York University, 4700 Keele Street,
Downsview (Toronto), Ontario, M3 2R6.
Deadline for applications is July 1980.

FINANCE

UNIVERSITY OF ALBERTA. Department of Finance and Management Science. The Department of Finance and Management Science has a full-time faculty position in Finance beginning July 1, 1981. Responsibilities include graduate and undergraduate teaching and research in financial theory. Applicants should have a Ph.D. in Finance or be at completion stage of the degree. Salary and benefits are highly competitive. Applicants are invited to send resumés and names of references to Professor Seha M. Tinic, Chairman, Department of Finance and Management Science, Faculty of Business Administration and Commerce, The University of Alberta, Edmonton, Alberta, T6G 2G1. The University of Alberta is an equal opportunity employer.

FORESTERIE ET GEODESIE

UNIVERSITE LAVAL. Fecultè de foresterie et de géodèsie. Département d'emènegement et de sylviculture. Description du poste: Professeur en protection des forèts avec accents sur les incendies foresters dont les principales responsabilités seront de participer: — à l'enseignements de la protection des forêts aux étudiants du premier cycle et à l'encadrement de ces étudiants; — au développement de cours gradués pour les étudiants du deuxième et troisième cycles dans le domaine de la protection des forêts aux étudiants du deuxième et troisième cycles dans le domaine de la protection des forêts dans le contexte général de l'aménagement des forêts; — à l'intégration de l'enseignement des forêts; — à la conduite de la recherche et de la direction de thèses d'étudiants des 2e et 3e cycles; — à des comités département des forèts et des comités departement des des comités de la direction de thèses d'étudiants des 2e et 3e cycles; — à des comités département des la direction de thèses d'étudiants des 2e et 3e cycles; — à la conduite de la recherche et de la direction de thèses d'étudiants des 2e et 3e cycles; — à la conduite de la recherche et des la direction de thèses d'étudiants des 2e et 3e cycles; — à la conduite de la recherche et des la direction de thèses d'étudiants des 2e et 3e cycles; — à l'es conduites de prédience celui de doctorat d'une université reconnue et être

spécialiste en protection des forêts ou dans une discipline connexe; — avoir de l'expérience en recherche, êfre capable de diriger une équipe de chercheurs et, de préference, démontrer des aptitudes à générer des octrols de recherche; — de préference avoir de l'expérience dans l'enseignement; — pouvoir transmettre ses connaissances en français. Traitement: Selon la convention collective. Date limite pour l'inscription: le 30 juin 1980. Faire parvenir sous pli cacheté, son curriculum vitae et toute information pertinente à: M. Jacques Bélanger, directur, Département d'aménagement et de sylviculture, Faculté de foresterie et de géodésie. Université Laval. Ste-Foy (Ouébec), GTK 7P4, N.B. Toutes les candidatures seront traitées confidentiellement. fidentiellement.

FRANCAIS

UNIVERSITE DE L'ALBERTA. Faculté Saint-Jean. 1. Professeurs d'Education en français langue première et français d'Immersion à l'élémentaire. 2. Rang et traltement: Professeur adjoint — \$19,595. \$25,575 (1979-80). 3. Les candidatures (curriculum vilae et lettres de références) devront être envoyées au Doyen de la Faculté Saint-Jean, 8406-91e rue, Edmon-ton, Alberta, TGC 4G9. Sujet à la disponibilité des fonds. Concours ouvert aux hommes et aux femmes.

ion, Alberta, TÉC 4G9, Sujet à disponibilité des fonds. Concours ouvert aux hommes et aux femmes. UNIVERSITE LAURENTIENNE. Département de Françeis. POSTE I. 1. Poste de professeur adjoint ou agrégé. 2. Doctorat ou maifrise en linguistique ou littérature; expérience souhaitable en français langue seconde, 3. Enseignement: français langue seconde, français langue maternelle; eventuellement un cours de littérature du XIX siècle. 4. Traitément selon le rang et l'expérience. 5. Dr. P. Sabourin, directeur, département de français, Université Laurentienne, Sudbury, Ontario, P3E 2C6. 6. Entrée en fonction: ler juillet 1980. 7. Sous réserve des décisions budgétaires nécessaires. POSTE II. 1. Poste temporaire (essessional) d'une durée d'un an. 2. Maltrise en linguistre que appliquée ou générale. Expérience en la curie d'un au chie d'un an. 2. Maltrise en linguistre l'angais (3 heures par jour). 4. Traitement selon le rang et l'expérience. 5. Dr. P. Sabourin, directeur, département de français, Université Laurentienne, Sudbury, Ontario, P3E 2C6. 6. Entrée en fonction: ler juillet 1980. 7. Sous réserve des décisions budgétaires nècessaires.

GENETICS

UNIVERSITY OF ALBERTA. Department of Genetics. Sabbattcal Replacement. Assistant Professor texts! PhD with teaching experience. To teach 400 with teaching experience. To teach 400 with the same of t

GEOGRAPHY

UNIVERSITY OF SASKATCHEWAN. Depart-UNIVERSITY OF SASKATCHEWAN. Department of Geography. 1. Lecturer, one-year position. 2. Ph.D. preferred. 3. To teach second-year class in Biogeography and one section of the introductory physical geography class. 4. \$15,394 (1979-80 scale). 5. Professor John McConnell, Acting Head, Department of Geography, University of Saskatchewan, Saskatoon, Saskatchewan, S7N 0W0. 6. July 1, 1980. 7. When position filled.

ITHOUSE. SUPPLY TO THE POSITION OF THE POSITIO

mensurate wifh experience and subject to the availability of budget. Applications by June 30, 1980 to: D.R.F. Taylor, Department of Geography, Carleton University, Colonel By Drive, Ottawa, Ontario, K1S 5B6.

GEOLOGY

BROCK UNIVERSITY. Department of Geological Sciences. Applications are invited for two probationary positions at the renk of Assistant Professor. Appointments will be effective for the 1980-81 academic year. Applicants should have a Ph. D. degree or equivalent in the relevant field. The applicants' specialfiles should cover a combination of the following fields: structural geology — tectonics, sedimentology and involvent properties in the areas of groundwater geology and environmental geology would be an advantage. The successful applicant will be expected to teach undergraduate and graduate (M.Sc.) courses in their fields of experties, and possibly to assist in introductory courses, to supervise graduate students and to conduct research. Salary will be commensurate with qualifications and experience. The floor of the Assistant Professor rank will be \$19,490 per annum for 1980-81. Applications with curriculum vitae and the names of three referees should be sent to Chairman, Department of Geological Sciences, Brock University, \$1. Catharines, Ontario, L2S 3A1 by July 21, 1980.

UNIVERSITY OF NEW BRUNSWICK.

1980.
UNIVERSITY OF NEW BRUNSWICK.
Department of Geology. Research
Associate in the fleld of geochemistry. Candidates will be expected to develop an independent field of research and to assist
with the direction and supervision of
graduate students. Duties will include a
limited teaching role. Post-doctoral
research experience in industry, government or academic environments considered research experience in industry, government or academic environments considered an asset. Candidates must hold a Ph.D. Appointment effective September 1, 1980. Competitive salary with an initial three year appointment. Reappointment or transfer to fenure track to be considered at end of the initial appointment. Applications including a curriculum viae and names of three referees should be sent fo: Chairman, Department of Geology, University of New Brunswick, E38 5AS. Fredericton, New Brunswick, E38 5AS.

Department of Geology, University of New Brunswick, Frederictor, New Brunswick, E3B 5A3.

UNIVERSITY OF NEW BRUNSWICK. Department of Geology. Applications are invited for a post-doctoral or research associate position working on mineral achemistry in sulfide deposits. Analytical work will involve the use of an energy dispersive micro-analytical facility (Keyex) on a S.E.M. Familiarity with micro-analytical methods of analyses of minerals is essential and a geological background would be an asset. The appointment will last for at least two years. Salary will be based on NSERC post-doctoral rates. Send resume and names of hree referees to Dr. D.J. Bachinski, Department of Geology, University of New Brunswick, Fredericton, New Brunswick, E3B 5A3.

UNIVERSITY OF NEW BRUNSWICK. Department of Geology. Assistant Professor for one year limited term appointment. Specialization in one or a combination of geochemistry, environmental geology, petroleum geology or stratigraphy, geochemistry, or environmental geology, petroleum geology or stratigraphy. Teaching duties will include introductory geology and undergraduate stratigraphy, geochemistry, or environmental geology, petroleum self-ective date of appointment September 1, 1980 or possibly under the professor of Geology. University of New Brunswick, Fredericton, New Brunswick, E3B 5A3.

UNIVERSITY OF WINDSOR. Department

E3B 5A3.

UNIVERSITY OF WINDSOR. Department of Geology. Sedimentery Petrologist—Sedimentologist. A term appointment of 8 months to one year duration for 1960-81 academic ear. The De artment of Geologist of the Sediment of Geologist of the Sediment of Geologist of G

three references to: Dr. D.T.A. Symons, Chairman, Department of Geology, University of Windsor, Windsor, Ontario, N9B 3P4. UNIVERSITY OF MANITOBA. Department of Earth Sciences. Sedimentologist and/or Petroleum Geologist Required. Subject to budgetary approval, the Department of Earth Sciences will have a position available at the Assistant Professor level or possibly the Associate Professor level candidates should hold the Ph.D. degree and have experience in sedimentary and/or petroleum geology. The successful candidate is expected to do research, and to teach undergraduate and graduate courses such as introductory physical geology, petroleum geology, sedimentation, stratigraphy, or areas of the candidate's speciality. The appointment will be made as soon as possible after July 1, 1980. Canadian citizens, permanent residents, and others eligible for employment in Canada at the time of application are especially encouraged to apply. Applications including curriculum vitae and names of three referees should be sent to: Head, Department of Earth Sciences, University of Manitoba, Winnipeg, Manitoba, R3T 2N2.

GEOPHYSICS

UNIVERSITY OF BRITISH COLUMBIA, Opparlment of Geophysics and Astronomy. Academic Curetor. The Department of Geophysics and Astronomy. University of British Columbia is seeking to fill a position of Academic Curator. The successful applicant must be well versed in either (or both) Geophysics and Astronomy. Duties to include interaction with the public, development and maintenance of displays, demonstration, silde sets, etc., as well as editing/coordination of publications. Coordination and supervision of telescope usage and maintenance. Minimum qualifications: B.Sc. with ability to work with both Individuals and groups. Salary to \$22,600 per year for one year frenewable, Closing date; July 31, 1980. Applications including resume and names cations efferences should be forwarded to D. T. K. Menon, Head, Department of Geophysics and Astronomy. University of British Columbia, 30-2219 Main Mall, Vancouver, British Columbia, V6T 1W5.

HOME ECONOMICS/ FAMILY STUDIES

UNIVERSITY OF MANITOBA. Faculty of Homa Economics. Department of Family Studies. A full time position is available at the Assistant or Associate Professor level to teach graduale and undergraduate courses and to undertake research in the area of Family Economics, Consumer Studies, and/or Home Management. Preference will be given to applicants holding a Ph.O. or equivalent who have demonstrated competence in teaching and research. Salary and rank commensurate with qualifications and experience. Canadian citizens, permanent residents and others eligible for employment in Canada at the time of application are especially encouraged to apply. Enquiries and applications, including a complete curriculum vitae and the names of three referees should be sent to Professor Ruth Berry, Chairman of Selection Committee, Department of Family Studies, Faculty of Home Economics, University of Manitoba, Winnipeg, Manitoba, Rat 2NZ, Canada. Position open until filled.

wallfulled. Str. Canada. Position open the William of the William

HUMAN BIOLOGY

UNIVERSITY OF GUELPH. School of Human Blology. Applications are invited from scholars with M.D., Ph.D., or equivalent, and a background in human life eguivalent, and a background in human life science, for the position of Director of the School of Human Biology and Chairman, Department of Human Kiretics, in the College of Biological Science. This is a term appointment (the normal term being 5 years) and is renewable. An appointment with immediate tenure is possible. The salary will be competitive. Position subject to final budgetary approval. Duties are to administer an academic unit of 10 faculty and 8 administrative and technical support minister an academic unit of 10 faculty and a administrative and technical support staff, to participate in the teaching of undergraduate and graduate courses and to follow own research. Teaching and research areas of the faculty include: human skeletal biology, bioengineering, ergonomics/human factors, metabolic and respiratory aspects of energelics, behaviour modification and hyperkinesis, human variability and phylogeny. Two undergraduates streams in human biology are administered by the School: one a general honours programme in human biology, and

administered by the School: one a general honours programme in human biology, and the other an honours programme with human movement as a focus. There is a well equipped research facility with a new and expanding graduate programme leading to a Master's degree in the field. Applications, which will continue to be considered until the post is filled, hopefully by 81 01 01, should include a curriculum vitea and the names of three referees, should be addressed to: Professor Keith Ronald, Dean, College of Biological Science, University of Guelph, Guelph, Ottario, Canada, N1G 2W1. (519) 824-4120 ext. 3342.

HUMAN COMMUNICATION DISORDERS

DALHOUSIE UNIVERSITY. School of Human Communication Disorders. Assistant or Associate Professor, Speech Pathology commencing September 1980 or sooner. Salary in accordance with experience and qualifications. Ph.D. (A.B.D. considered). Must meet requirements for membership in the Canadian Speech and Hearing Association. Must feel comtortable teaching a variety of basic speech pathology courses and courses fundamental to the field. A special interest in diagnostics and organics would be an asset. Some practicum supervision a part of regular duties. Send application, current curriculum vitae, and names of three referees to: Dr. Michael Webster, Professor and Olirector, School of Human Communication Disorders, Dalhousie University, 5599 Fenwick Street, Halifax, Nova Scotia, B3H 1R2.

INFORMATIQUE ET RECHERCHE **OPERATIONNELLE**

UNIVERSITE DE MONTREAL. Faculté das arts et des sciences. Département d'informatique et da recherche opérationneile. Oeux postes de professeur. Le Oépartement d'informatique et de recherche opérationneile et à la recherche de deux professeurs de carrière. Fonctions: Enseignement aux trois cycles — baccaiauréat, maîtrise, doctorat; recherche; encadrement d'étudiants gradués. Exigences: Ooctorat, ou l'équivalent, esystèmes opératoires, en langage de programmation, en bases de données, en informatique appliquée à la gestion ou dans un domaine connexe. Traitement: Selon les normes de la convention collective en vigueur. Cate d'entrée en fonction: le plus toi possible après le ter juin 1980. Cate de clôture des candidatures: le 31 juillet 1980. Les candidats sont priés d'envoyer leur cur-forecteur, Cépartement. M. Robert Cléroux, Officeteur, Cépartement d'informatique et de recherche opérationneile, Université de Montréai, C. P. 6128, Succursale A, Montréai (Québec), H3C 3J7.

LAW

UNIVERSITY OF OTTAWA. Faculty of Law. Common Law Section. Applications are in-

vited for positions in the Common Law Section subject to budget approval by the University. Although applications are not restricted to a particular area of law, we wish to further develop our curriculum in the areas of property and taxation in 1991-82. Salary and rank commensurate with qualifications and experience. Application should be made to Dean H. A. Hubbar, Faculty of Law, Common Law Section, University of Oltawa, Oltawa, Ontario, K1N 6NS.

ly. Both men and women are encouraged to apply.
CARLETON UNIVERSITY. Dapartment of Law. Assistant Professor of Law. Candidate must have an LLM. degree or equivalent. Professional qualifications in law desirable. Subjects to include tax and commercial law. Send applications, Including curriculum vitae and the names of three referees to D.W. Elliott, Chaliman, Department of Law. Carleton University, Ottawa, Ontario, K1S 586. Effective date of application: August 1, 1980. Closing date of application: June 30, 1980. Position subject to budgelary approval.

1980. Position subject to budgelary approval.
UNIVERSITY OF ALBERTA. Department of industrial and Legal Relations. The Department of Industrial and Legal Relations in the Faculty of Business Administration and Commerce, invites applications for a full-time, tenure-track position in Legal Relations. Applications must hold the LL B or J.D. degree: further training in law or in a related discipline is highly desirable. The Oepartment of fers programs of study in both industrial relations and legal relations, the latter being a new and developing field in Canada which provides a broadly-based interdisciplinary approach to legal studies in business and society. The successful applicant will participate in course and program development. The position is available immediately. Applications should include a curriculum vitae and the names of at least three referees, and should be sent to Professor Michael Park, Oepartment of Industrial and Legal Relations, 320 Athabasca Hail, The University of Alberta, Edmonton, Alberta, ReG 261, telephone: 403-432-567. The University of Alberta is an equal opportunity employer.

LIBRARY

CAMPION COLLEGE, UNIVERSITY OF REGINA. The Library. Campion College, rederated with the University of Regina, requires a Librarian II to head its liberal arts library (50,000 volumes). The incumbent is responsible to the President of the College for all library and management functions; emphasis is placed on public service and collection development, cataloguing is delegated to the University Library. The position includes supervising a full time library assistant and student assistants. Ouallifications: A Master's degree from an accredited library school, preferably with some experience. Starting salary, 1978-80.

\$17,130. Academic status. Send curriculum vitae and names of 3 references to Ms. Linda Leff Karlinsky, Campion College, The Library, University of Regina, SAS 0A2. Appointment effective July 1, 1980. UNIVERSITY OF MANITOBA LIBRARIES. Library Systems Coordinator (Search Paopened). Working in close cooperation with all levels of Library staff, the incumbent evaluates library operations, defines requirements and develops specifications for cost-effective manual and automated systems. Automated systems include and clirulation control system is being developed.

The Library uses utlas automated catalogue support services. Computer facilities include an Amdahi 470/77 computer with time-sharing system. Preferred qualifications include a degree from an accredited library school, knowledge of library network development, and automated library systems, several years relevant experience in academic libraries are levant experience and automated without a library degree, but with knowledge of, and experience with, related automated systems will be considered. Applications skills, resourcefulness, problem solving skills, resourcefulness, and others estigible members of the state o

MATHEMATICS/STATISTICS

UNIVERSITY OF GUELPH. Department of Mathematics and Statistics. Statistics. Applications are invited for several one-year

Mathematics and Statistics. Statistics. Applications are invited for several one-year contractually limited positions effective Seplember 1, 1980 or January 1, 1981. Positions may be at the Assistant or Associate Professor level. These positions are subject to final budgetary approval. Duties include undergraduate teaching and research and/or consulting. Send curriculum vitae including names of three referees to: Professor W.R. Smith, Chairman, Department of Mathematics and Statistics, University of Guelph, Guelph, Ontario, N.1G 2WI. UNIVERSITY OF WESTERN ONTARIO. Department of Mathematics and Statistics, University of Western Ontario invites applications for a senior position in statistics, proferably in the field of Applied Probability. Salary will be commensurate with qualifications and experience. The appointment will be made subject to funds being avaitable. Applications, including a detailed curriculum vitae and the names of three referees, should be sent to: Dr. I.B. MacNeill, Oirector, Statistics and Actuarial Science Group, Oepartment of Mathematics, The University of Western Ontario, London, Ontario, N6A 589, Canada.

or western Ontario, London, Ontario, N6A
SB9, Canada.
UNIVERSITY
Department of Mathematics. Statistics and
Actuarial Science Group. The Statistics and
Actuarial Science Group of the Oepartment
of Mathematics of The University of
Western Ontario invites applications for a
senior visiting appointment for a term not
longer Ihan one year. Salary will be commensurate with qualitications and experience. The appointment will be made
subject to funds being available. Applications, including a detailed curriculum vitae
and the names of three referees, should be
sent to: Or. I.B. MacNelli, Director,
Statistics and Actuarial Science Group,
Department of Mathematics, The University
of Statistics and Actuarial Science
Group, Statistics and Actuarial Science
Science Individual Science Group,
Statistics and Actuarial Science Group,
Statistics and Actuarial Science
Science Individual Science
Science Individua

Department of Mathematics, The University of Western Ontario, London, Ontario, N6A 5B9, Canada.

UNIVERSITY OF WESTERN ONTARIO. Department of Mathematics. Statistics and Actuarial Science Group of the Oppartment of Mathematics at The University of Western Ontario Invites applications for positions in actuarial science. Salary and rank will be commensurate with qualifications and experience. Appointments will be made subject to funds being available. Applications, including a detailed curriculum vitae and the names of three referees, should be sent to: Or. I. B. MacNeill, Orector, Statistics and Actuarial Science Group, Oepartment of Mathematics, The University of Western Ontario, London, Ontario, N6A 5B9, Canada.

UNIVERSITY OF WESTERN ONTARIO. Department of Methematics. Statistics and Actuarial Science Group. The Statistics and Actuarial Science Group of the Oepartment of Mathematics of The University of

Western Ontario Invites applications for a one-year limited term appointment from stall sticlans with major interest in stall sticlans. Salary will be commensurate with qualifications and experience. The appointment will be made subject to funds being available. Applications, including a detailed curriculum vitae and the names of three referees, should be sent to: Dr. I.B. MacNell) Director, Staltstics and Actuarial Science Group, Department of Mathematics, The University of Western Ontario, London, Ontario, N6A 589, Canada. UNIVERSITY OF NEW BRUNSWICK. Department of Mathematics and Statistics. The Department of Mathematics and Statistics. The Department of Mathematics and Statistics at the University of New Brunswick, Fredericton, expects to have an opening as of July 1, 1980, subject to budgetary approval, for a Statistician at the level of Assistant or possibly Associate Programs of the programs

MEDICINE

UNIVERSITY OF OTTAWA. School of Medicine. Department of Physiology. Applications are invited for a tenure-track faculty position at the Assistant or Associate Professor level. Duties include research and undergraduate and graduate teaching. An established research record and a keen interest in teaching are essential. Some preference may be given to candidates whose research interests are in endocrine physiology or neurophysiology. Fluency in French as well as English would be an asset. Applicants must be legally eligible to work in Canada. Salary and rank are commensurate with experience and qualifications. Applications will be accepted until September 1st 1980, with the position to be filled before the end of 1980.

are commensurate with experience and qualifications. Applications will be accepted until September 1st 1990, with the position to be filled before the end of 1980. Send curriculum vitae and the names of three references to Dr. J.S. Cowan, Chairman, Department of Physiology, School of Medicine, University of Ottawa, Ontario, K1N 9A9.

ONTARIO CANCER TREATMENT AND RESEARCH FOUNDATION. Medical Oncology the Ontario Cancer Treatment and Research Foundation requires a Medical, Oncologist with training and/or experience in clinical trials for the new Toronto-Bayview Cancer Clinic, in association with Sun-reproved Medical Centre, University of Toronto, will provide all treatment modalities for 2500 new patients per year. Applicants should be eligible for appointment to the Feculty of Medicine, University of Toronto. Send curriculum vitae and resume of experience to Dr. D. Osoba, Division of Oncology, Sunnybrook Medical Centre, 2075 Bayview Avenue, Toronto, Ontario, Canada, MAN 3M5.

UNIVERSITY OF TORONTO, Facuity of Medicine, University bepartment; Pathology, (2) University Titler, Research Associate. (3) Qualifications Required: Pro On Biochemistry. At least three years of experience in the field of Chemical Cancerdon, and the province of the Control of Canada, MAN AM5.

UNIVERSITY OF TORONTO, Facuity of Medicine, University Department; Pathology, (2) University Titler, Research Associate. (3) Qualifications Required: Pro On Biochemistry. At least three years of experience in the field of Chemical Cancerdon, and the use of restriction engaged university and the use o

Street, Toronto, Ontario, M5G 1L5. (7) Effective Date of Appointment: Open. (8) Closing Date for Receipt of Applications: July 1, 1980.

Jate for Receipt of Applications: July 1, 1980.

UNIVERSITY OF ALBERTA. Faculty of Medicine. Experienced Academic Electrocerdiogrepher. The Faculty of Medicine and the University of Alberta Hospital, with Alberta Hersitage Applied Cardiac Research rendingly are seeking a clinical research cardiologist with special experience in electrocardiography and Invasive electrocardiography and Involvement with the ongoing development of computer assisted ECG Interpretation, performance of intracardiac electrophysiologic studies and activities in the Pacemaker Clinic. Please reply with curriculum vitae and names of three referees to: Dr. R.F. Taylor, Acting Director, Division of Cardiology, Department of Medicine, 6-1248 Clinical Sciences Building, University of Alberta, Edmonton, Alberta, T6G 2G3.

Alberta, T6G 2G3.

UNIVERSITY OF TORONTO. Faculty of Medicine. (1) University Department: Anatomy (2) University Title: Tutor (3) Oualifications Required: M.D. and/or Ph.D. with at least 2 years' experience in teaching Gross Anatomy to medical, dental and allied heaith science students. (4) Nature of Outles: Demonstrate Gross Anatomy to first-year medical and dental students. (5) Salary: \$15,000/annum. Limited term appointment (1 year). (6) Person to Whom Enuiries Should be Sent Dr. Keith L. Moore, Chairman, Department of Anatomy, Medical Sciences Building, University of Toronto, Ontario, MSS 1348. (7) Effective Date of Appointment: As soon as possible of Coloring Date for Receipt of Applications: July 15, 1980.

UNIVERSITY OF SASKATCHEWAN. Col-

July 15, 1980.

UNIVERSITY OF SASKATCHEWAN. College of Medicine. Department of Physlology. Applications are invited for appointment as Lecturer to teach at the undergraduate level. Applicants must have an M.D., D.V.M. or Ph.D. degree. The appointment will be for 1 year only. Salary commensurate with experience, and base for the Lecturer rank is \$15,394 on 1979-80 scale. Send applications (including complete curriculum vitae and the names of three references) to Dr. J.W. Phillis, Head, Oepartment of Physiology, College of Medicine, University of Saskatchewan, Saskatoon, Saskatchewan, Canada, \$7N 0W0. OWO.

UNIVERSITY OF TORONTO. Faculty UNIVERSITY OF TORONTO. Faculty of Medicine. (1) University Department: Playfair Neuroscience Unit. (2) University Tite: Research Associate. (3) Ouallifications Required: Ph.D. degree or equivalent in extensive laboratory experience in an appropriate field. Candidate should be capable of independent work in carrying out intracefulular recordings on cat motoneurons. (4) Nature of Dutles: The appointee will be working at an interdisciplinary research institute which includes neurophysiologists,

pointee will be working at an interdisciplinary research institute which includes neurophysiologists, neuroanatomists, neurobiochemists and clinical neurophysiologists whose major research interests range from clinical aspects of disordered motor control to cellular neurobiological mechanisms. Facilities are available for studies on behaving animals, intracellular recording and microstimulation, intracellular injection of HRP and three-dimensional computer reconstruction for histological sections and euronal modelling. (5) Salary: Salary commensurate with experience; contractually limited term appointment of 2 years only, (6) Person to Whom Enquiries Should be Sent: Dr. P. Ashby or Dr. P. Carlen, Playfair Neuroscience Unit, Toronto Western Hospital, 9 North Pavillon, 399 Bathurst Street, Toronto, Ontarlo, MST 258, Canada, (7) Effective Date of Appointment: August 15, 1980. (8) Closing Date for Receipt of Applications; July 15, 1980.

15, 1990. (g) Closing Date for receipt of Applications: July 15, 1980. To Medicine. (1) University Department: Medicine. (1) University Department: Medicine. Hospital Department: Medicine. Cardiology, (2) University Title: Lecturer. Hospital Title: Staff Physician. (3) Oualifications Required: MD., qualified to take F.R.C.P. (C) (Cardiology). (4) Nature of Outles: a) to help in running Non Invasive Cerdiology Laboratory, especially in one and two dimensional econoculotyraphy; or odevelop a clinical cardiology practice; o) to become involved in clinical research (particularly in heart muscle disease). (5) Salary: \$36,000.00, (6) Person to Whom Englines Should be Sent: Dr. E.D. Wigle, Director, Divisition of Cardiology, Toronto General Hospital, 101 College Street, Toronto, Ontario, MSG 117. (7) Effective Date of

Appointment: August 15, 1980. (8) Closing Date for Receipt of Applications: July 15, 1980

Jave 10 r Receipt of Applications: July 15, UNIVERSITY OF WESTERN ONTARID. Department of Anatomy. The University of Western Ontario has available in its Anatomy Department an endowed, full-time position for a Research Scientist whose work is related to the Auditory or Vestibular Systems or other areas in the general field of Otolaryngology. We are seeking a Morphologist with a Ph.D. degree or equivalent at the Assistant Professor level who wishes to spend a major portion of time in research in an established, well equipped Department of Anatomy. Applications, together with an up-to-date curriculum vitae and the names of three referees, should be submitted by June 30, 1980, to: Dr. M.J. Hollenberg, Dean of Medicine, The University of Western Ontario, London, Ontario, NSA SCI.

UNIVERSITY OF BRITISH COLUMBIA. Dapartment of Pathology. Applications are invited for two positions, one at the level of Research Associate/Professional Assistant invited for two positions, one at the level of Research Associate/Professional Assistant and the other a tenure track position at a level commensurate with the background of the successful applicant. Those applying should have a Ph.D. and a minimum of 3 years post-doctoral research experience in biophysical and biochemical studies of cellular interactions. Both appointees will be expected to contribute to engoing projects in the area of biomechanical and reloolgical studies of cellular adhesion. Salaries are negotiable depending on qualifications and experience. Effective date of appointment is July 1, 1980 or later by mutual agreement. Applications will be accepted until both positions are satisfactorily filled. First consideration will be given to suitably qualified applicants legally entitled to work in Canada. Send applications with the names of three referees to Dr. D.E. Brooks, Department of Pathology, University of British Columbia, Vancouver, B.C., V6T IVIS.

MCMASTER UNIVERSITY. Department of MCMASTER UNIVERSITY. Department of Pedilatrics. Positions for a post-doctoral fellow and research associate are available immediately to study bio-chemical genetics in inborn errors of metabolism. Background in enzymology, electron microscopy, immunology or tissue culture will be an asset. Send resume and names of Interereferest Send resume and names of Interereferest por Potatical L. Chang, or Dr. Ronald G. Davidson, Department of Pediatrics, McMaster University, Room 3H 31, 1200 Main Street West, Hamilton, Ontario, Canada, LBN 325.

West, Hamilion, Ontario, Canada, LBN 325.
UNIVERSITY OF BRITISH COLUMBIA
Department of Medical Genetics. InternistGeneticist. The Department of Medical
Genetics of the University of British Columbia,
Invites applications for a tenure-track
faculty appointment from individuals with a
background in internal medicine and
genetics. The suitable candidate will be requested to direct clinical services for the
department. The position is available July 1,
1981. Applicants should send an up-to-date
cv. plus the names of 3 referees, before October 1980, to: Dr. P.A. Baird, Head, Department of Medical Genetics, No. 235-5804
Fairview Crescent, The University of British
Columbia, Vancouver, British Columbia,
V61 1W5, Canada. The University of British
Columbia offers equal opportunity for
employment to qualified male and female
candidates.

UNIVERSITY OF BRITISH COLUMBIA.

candidates.

UNIVERSITY OF BRITISH COLUMBIA.
Department of Medicel Genetics. Assistent
Professor — Immunogenetics. The Department of Medical Genetics of the University
of British Columbia invites applications for
a tenure-track faculty appointment from individuals with a background in immunogenetics. Experience in the genetics
of cellular response is desirable. Applicants
should stend an up-lo-date cv. and names ol
3 referees, before November 1, 1980, to Dr.
P.A. Baird, Head, Department of Medicai
Genetics, No. 235-5804 Fainview Crescent,
The University of British Columbia, von
Couwer, British Columbia, von
Couwer, British Columbia offers equal
opportunity for employment to qualified
male and female candidates.

MINERALOGY

MCGILL UNIVERSITY. Redpath Museum. Mineralogy. Technician with B.Sc. or M.Sc. in geology or mineralogy. Responsibility for the supervision and cataloguing of mineral and petrographic collections for teaching and research, preparing exhibits and lab

demonstrations in geology. Saptember 1, 1980. Salary \$13,944 p.a. Apply with cur-riculum vitae and names of two referees to: The Director, Redpath Museum, McGill University, 859 Sherbrooke Street West, Montreal, Ouebec, H3A 2K6, Canada.

MUSIC

ALGOMA UNIVERSITY COLLEGE. Department of Music. Algoma Conservatory of Music. 1. Invite applications for a cross appointment in plano and theory. 2. Duties include: two university courses in Materials of Music; plano teaching in Department of Music; plano teaching and conservatory level. 3. Minimum qualifications: Master's degree plus demonstrated ability. 4. Sessional salary plus negolable number of teaching hours. 5. Letter of application and curriculum vitae to: Professor Thomas Hahn, Department of Music, Algoma University College, 1520 Queen Street East, Sault Ste. Marie, Ontario, P6A 2G3. 6. Date of appointment: 1 September 1980. 7. Closing date: when position is filled. UNIVERSITY OF WESTERN ONTARIO. Faculty of Music. Appiled Music Department. The Faculty of Music invites applications for an elght-month Limited Term appointment as flute instructor in the Appiled Music Department. 1. Rank: Open. 2. Qualifications: A D.M.A. or equivalent training plus extensive performing and teaching experience. 3. Duties: Undergraduate and graduate individual flute instruction, ensemble coaching, solo recillals and faculty chamber Orchestra. 4. Salary:

ensemble coaching, solo recilals and faculty ensemble performances, including Faculty Chamber Orchestra. 4. Salary. Negotiable, depending on experience and qualifications. 5. Inquiries: Professor Robert Creech, Acting Chairman, Applied Music Department, Faculty of Music, The University of Western Ontario, London, Ontario, N6A 3K7. 6. Date of appointment: September 1, 1980. 7. Closing date for applications: July 1, 1980.

UNIVERSITY OF PRINCE EDWARD
UNIVERSITY OF PRINCE EDWARD

plications: July 1, 1980.
UNIVERSITY OF PRINCE EDWARD
ISLAND. Department of Music. Music
Education (Woodwinds). Applications are
invited for a two-year appointment in Music
Education (Woodwinds). Minimum of
Master's degree with instrumental experise in clannel and flute. Teaching Music
Education courses in Elementary and
Secondary education as well as woodwind
majors at the undergraduale level. Salary
commensurate with experience and

Secondary education as well as woodwind majors at the undergraduale level. Salary commensurate with experience and qualifications. Send curriculum vitae, recent performance tape, Ihree letters of reference and copies of graduate transcripts to Professor Hubert Tersteeg, Chairman, Department of Music, University of Prince Edward Island. Charlottelown, P.E.I., C.1A 4P3. Position effective September 1, 1980. Closing date for applications when position is filled. CONCORDIA UNIVERSITY. Feculty of Fine Arts. Division of Parforming Arts. Music Section. Position available effective July, 1990. The Faculty's Division of Performing Arts (Music Section) invites applications for experienced performance. Feam experienced performance. Feam of the provided of the provide or Ph.D. in Chamber Music performance or extensive professional experience. Salary and Rank: Lecturer or Assistant Professor. Salary negotiable Deadline for applications is until position is filled. Applications should be accompanied by a complete curriculum vilee end the names of at least three persons who are familiar with the applicant's work and who would be prepared to provide references. Please eddress all inquiries and/or applications to: S. Friedland, Director, Performing Arts, Faculty of Fine Arts, Concordia University, 7141 Sherbrooke Street West (HB-103), Montreal, Ouebec, H4B 1R6.

NATIVE AMERICAN STUDIES

UNIVERSITY OF LETHBRIDGE, Department of Native American Studies. 1. One position at the Assistant Professor level. 2. Candidates with background in business administration or history will be given preference but applications are not limited to such a background. 3. Duties will include teaching undergreduate or development of the progrem in Native American Studies. 4. Salary Schedule (1979-80). Assistant Professor — \$20,446 — \$28,616. 5. Applications, including a curriculum vitae, transcripts and three letters of reference, should be sent to: The Chairman, Department of Native American Studies, University of Letthoridge, 4401 University Drive, Letthoridge, Alberta, T1K 3M4. 6. Probationary appointment for one year beginning 1 July 1980, or as soon as possible thereafter. 7. Closing Date: When position is filled.

NURSING

UNIVERSITY OF SASKATCHEWAN. College of Nursing Applications are invited for the position of Principal Nurse Researcher with faculty status. This position is available immediately. The major responsibility of the appointee is to develop and direct a Nursing Research Unit based at the University of Saskatchewan and supported by the Saskatchewan Registered Nurses' Association. The purpose of this new Research Unit is to tacilitate the growth of nursing research; develop nurse researchers and provide for continuity and coordination of nursing research projects to influence the delivery of nursing care in the province. Involvement in this new joint project is a unique opportunity for a nurse researcher seeking a challenge. Qualifications: Doctoral preparation preferred; Master's degree essential. Eligible for registration with the S.R.N.A. Experience in carrying out applied research related to complex (ssues in the nursing component of the health care system. Salary: In accordance with university policy and the rank for which a facility is a considered that the candicate is quantied. Applications and Inquiries: Address all inquiries to: The Dean, College of Nursing, University of Saskatchewan, Saskatohewan, Saskatchewan, Saskatchewan UNIVERSITY OF SASKATCHEWAN, Col-S7N 0W0, Canada,

NUTRITION

UNIVERSITY OF GUELPH. Depertment of Nutrition. Applications are invited for a faculty position in nutrition (rank and salary negotlable, subject to qualifications and experience). An individual is sought who has strong training in the experimental and blochemical aspects of nutrition and interest in the application of this training to problems in human nutrition. The position involves teaching of the metabolic aspects of nutrition at the undergraduate and graduate levels and development of an active research program in blochemical nutrition. Curriculum vitae and names of three referees should be sent to Dr. B.L. Walker, Chairman, Search Committee, Department of Nutrition, University of Guelph, Guelph, Onlario, NtG 2Wt, Canada, Subject to final budgetary approval.

OCCUPATIONAL THERAPY

DALHOUSIE UNIVERSITY. Faculty of Health Professions. School of Occupational Therapy. Faculty positions. Dalhousie University is proposing to start a School of Occupational Therapy to serve the four Atlantic Provinces of Canada. It will provide a four year program (one year Arts and Science and three years professional study) leading to the degree of Bachelor of Science and Occupational Therapy. This will be a regional program with an initial enrollment of 25 students into the second year of the program. The School of Occupational Therapy will be part of the Faculty of Health Professions, which also includes the Schools of Nursing, Physiotherapy, Physical Education and Human Communication Disorders, and the College of Pharmecy. Other Faculties within the United Schools of Nursing, Physiotherapy, Physical Education and Human Communication Disorders, and the College of Pharmecy. Other Faculties within the United Schools of S

faculty positions will be created within the School in the next three years. To enable forward planning and facilitete recruitment by the Director, when appointed, persons interested in these appointments are invited to write to the Dean of the Faculty of Health Professions, indiceting their area of experience, the year in which they would be available and enclose their curriculumivate. Cendidates would normally be expected to be eligible for membership in the Canadia Association of Occupational Therapists. These appointments will offer an opportunity to participate in setting up a new Scholand of Company of the Canadia and the setting of the Canadia Therapy. Research will be encouraged Please write to: Robert S. Tonks, Ph.D. Lean, Faculty of Health Professions, Sir Charles Tupper Medical Building, Dalhousie University, Halifax, Nova Scotla, Canada, 83H 4H7.

OCEANOGRAPHY

DALHOUSIE UNIVERSITY. Depertment of Oceanography. Physical Oceanography. Dalhousie University invites applications for a tenure-track assistant professorship. Applications, with c.v.'s and names of three referees should be sent before July 15, 1980 to: Chairman, Department of Oceanography, Dalhousie University, Halifax, Nova Scotla, 83 J4H; Canada Due to possible postal disruption, candidates are urged to telephone (902-424-3557) or telex. (019-21863, Attention: Oceanography) notilication or intention to apply. notification of intention to apply.

PHARMACOLOGY

DALHOUSIE UNIVERSITY. Department of Pharmacology. Assistant Professorship in tenure stream. Highly experienced persons may be appointed at higher rank. Applicants should have a Ph.D. or M.D. degree with several years post-doctoral experience, a proven record of independent research and quality publications in pharmacology of cardiac drugs. Exceptional applicants having different research Interests will be considered. Ability to interact with colleagues of different research Interests is important. Light teaching load at various levels of medical, dental, pharmacy and science curriculum. Applications should be sent to: Dr. Peter E. Dresel, Professor and Head, Department of Pharmacology, Dalhousie University, Halifax, Nova Scotia, B3H 4H7.

PHILOSOPHY

UNIVERSITY OF WESTERN ONTARIO.
Department of Philosophy. Chalrman.
Nominations and applications are invited for the position of Chairman of the Department of Philosophy, the Faculty of Arts, effective July 1, 1981. A Senate Selection Committee will recommend an appointment as Chairman for a three-to five-year term, renewable. The academic appointment will be at the rank of Associate or Full Professor with tenure. The successful applicant will have an established reputation in the discipline. Salary is negotiable, and this appointment is subject to the availability of funds. Nominations and applications should be sent to the Chairman of the Selection Committee, Dr. J. Rowe, Dean, Faculty of Arts, University College, The University of Western Ontario, London, Ondario, 1980.

PHYSICAL EDUCATION/ RECREATION

UNIVERSITY OF WATERLOO. Department of Racreetlon. 1. Assistant or Associate Professor in Recreation Management. 2. Earned Doctorate or its near completion in related discipline. 3. Ability to successfully supervise student theses and honors projects with a broad Interdisciplinary view to graduate and undergraduate instruction and continued involvement and participation in professional organizations with a demonstrated competence and commit-

ment to scholarship. 4. Assistant Professor (minimum \$18,400), Associate Professor (minimum \$23,900). Salary commensurate with qualifications and experience. (Subject to the availability of funds) 5. Dr. David Ng. Chairman, Department of Recreation, University of Waterloo, Owaterloo, Ontario, N2L 3G1. 6. Until position filled. First consideration will be given to those applicants who at the time of application are legally eligible to work in Canada for the period covered by this position.

MCGILL 'UNIVERSITY. Depertment of

should the time of application are legally eligible to work in Canada for the period covered by this position.

MCGILL UNIVERSITY. Depertment of Physical Education. Faculty of Education. Title of Position: Assistant Professor or equivalent preferred. Nature of Duties: Concentration in Bio-Mechanics aundergraduate and graduate levels as well-aues. This appointment in skills and teath potential for associated with the experience and the experience of the experience and the experience as associated with the experience as associated with the experience as associated with the experience associated with the development of the experience and undergraduate work, and the names of two persons who can supply letters of reference to: Chairman Dept of Physical Education, Acid University of School of Physical and Health Education, Amorting associated with the development of an Institute for the Study and Evaluation of High Performance in Athletics. Qualifications: Professor and experience. Appointment Date: As soon as possible, Please forward applications and curriculum vitate to: Dr. Roy J. Shephard, Director, School of Physical and Leath Education, University of Toronto, Toronto, Ontario, MSS 1A1.

PHYSICS

UNIVERSITY OF NEW BRUNSWICK.
Depertment of Physics. A one-year term appointment starting September 1, 1980 (with possibility of renewal) is to be made at the Instructor level. Candidates must have at least a Bachelor's degree in Physics, but preference will be given to those with a Ph.D. or Master's. Dutles include supervision of undergraduate laboratories, conducting tutorials and laboratory demonstrations. The salary range is under review. Applications, including curriculum vitae and names of two referees, should be sent by July 31, 1980 to Chairman, Department of Physics, University of New Brunswick, P.O. Box 4400, Fredericton, New Brunswick, E.B. 5A3.

PLANT SCIENCES

UNIVERSITY OF ALBERTA. Depertment of Plent Science. Research associate or postdoctoral fellow for studies of ethylene metabolism at the physiological /biochemical interface. Dr. Mary Spencer, Plant Blochemistry, South Laboratory, University of Alberta, Edmonton, Alberta, T6G 2N2:

PSYCHOLOGY

SAINT MARY'S UNIVERSITY. Department of Psychology. The Department of Psychology at Saint Mary's University invites applications for a one-year appointment in cilincal or industrial/organizational psychology. However, qualified candidates in other areas will be considered. Renk is open. Persons eligible for employment in

Canada at the filme of application will recalve first consideration. Send vitae and three letters of reference to: Kenneth Hill, Chairperson, Department of Psychology. Saint Mary's University, Halliax, Nova Scotle, B3H 3C3.

UNIVERSITY OF WINDSOR. Department of Psychology at the University of Windsor has the following positions available subject to budgetary approval: Developmental or Child Clinical Psychologys 1 or September 1, 1980. This person should have the Ph.D. degree with a specialization in the area of Development or Child Clinical Psychologist — a tenura track position, rank open. Preference will be given to applicants with an established publication record and an ongoing programmer of the progr

chewan, Saskatoori, Saskatchewan, S7N 0W0.

DALHOUSIE UNIVERSITY. Depertment of Psychology. Cognitive Development. The Psychology Department at Dalhousie University has an opening for an Assistant Professor of Psychology with interests in Cognitive Development or Language Development. The applicant must have a Ph.D. or equivalent and extensive teaching experience and a demonstrated record of research and scholarship. This is a one year term appointment to replace a faculty member going on leave. The minimum salary is \$17,750, the exact salary will depend on the successful applicant's qualifications. Interested applicants should send a vita and three letters of reference to. Dr. Susan Bryson, Department of Psychology, Dalhousie University, Halifax, Nova Scotia, B3H 4J1. Deadline for receipt of applications is July 1, 1980.

PUBLIC ADMINISTRATION

CARLETON UNIVERSITY. School of Public Administration. Applications are invited for a position at the Associate Professor (or senior Assistant Professor) level. Outalifications: Ph. D. in social sciences with teaching and research experience in public policy

analysis and public administration. Duties include research and teaching at the graduate and undergraduate level, inquiries should be addressed to Dr. G. Bruce Doern, Director, School of Public Administration, Carleton University, Ottawa, Ontario, K1S 586. Effective Date of appointment: September 1, 1980 or July 1, 1981. (Position subject to budgetary approval).

RELIGIOUS STUDIES

THE UNIVERSITY OF SUDBURY COLLEGE IN LAURENTIAN UNIVERSITY. Department of Retiglous Studies, Lecturer or assislant professor tenure stream. Ph.D. or near comprofessor tenure stream. Ph.D. or near completion with teaching experience. Background in RC theological tradition. Areas: biblical studies and systematic theology at undergraduate level. Date of appointment August 1 or September 1.8 lingualism an asset. Salary: Current scale—Lecturer \$16,093-22,643; Assistant Professor \$20,094-29,406. Applications with curriculum vitae and names of three referees to. Dr. John Sahadat, Chairman, Department of Religious Studies, University of Sudbury College, Laurentian University, Sudbury, Ontarlo, P3E 2C6.

ROMANCE LANGUAGES

WILFRID LAURIER UNIVERSITY. Department of Romance Lenguages. Title of position: Lecturer in Spanish for a one-year contract. Oualifications required: Ph.D. in Spanish. Experience in teaching of Peninsular Literature. Will also be required to teach grammar. Interest in research desirable. Salary: commensurate with qualifications and experience. Enquiries should be sent to: Professor A.A. Borrás, Department of Romance Languages, Wilfrid Laurier University, Waterloo, Ontario, Car. dt. 11. 3.5. Ph. L. S. Car. Spport Lent. 1990. 1990. Closing date for applications: August 1, 1980.

RUSSIAN STUDIES

UNIVERSITY OF WESTERN ONTARIO. Department of Russien Studies. Chelmen. Nominations and applications are invited for the position of Chairman of the Department of Russian Studies, Faculty of Arts, effective July 1, 1981. A Senate Selection Committee recommends an appointment for a three to five-year term, renewable. This position is subject to the availability of runds. Nominations and applications should be sent to the Chairman of the

Selection Committee, Dr. J.G. Rowe, Dean, Faculty of Arts, University College, The University of Western Ontario, London, On-tarlo, NSA 3K7. The deadline for submis-sions is December 1, 1980.

SOCIOLOGY

MCGILL UNIVERSITY. Department of Sociology is seeking an assistant prolessor for apprintment September 1, 1980. Compeled Ph.D. preferred. We are looking for a methodologist with superior competence in quantitative data analysis. Proven ability and commitment to teaching in this area will be an asset. Secondary fields open. Preference for Canadian citizens. Please write to Prolessor Maurice Pinard, Chairperson, Recruitment Committee, Department of Sociology, McGIII University, 855 Sherbrooke Street West, Montreal, Ouebec, H3A 2T7, enclosing curriculum vitae, copies of 2 or 3 papers and names and addresses of 3 referees.

or 3 papers and names and addresses of 3 referees.
UNIVERSITY OF VICTORIA. Department of Sociology. Applications are invited for a permanent position at the Assistant Professor level to be filled 1 July 1981. Areas of expertise to include some combination of the following: family, medical, law, demography, comparative, urban/ecology. Only Ph.D.s will be considered for Init tenture-track position. Salary is comment Please end of the service of the following: family medical, law, demography, comparative, urban/ecology. Please end of the end of the service of the following of the UNIVERSITY OF VICTORIA. Department of

ment Committee, Department of Sociology, University of Manitoba, Winnipeg, Manitoba, R3T 2N2. CARLETON UNIVERSITY. Department of

Maniloba, H3I ZNZ.

CARLETON UNIVERSITY. Department of Sociology and Anthropology. The Department of Sociology and Anthropology is seeking a Sociologist at the Assistant or Associate Professor level. Candidates should have a well-established record of publication and research as well as experience in graduate supervision at both the M.A. and doctoral levels. All specializations will be considered, although the department is particularly interested in the areas of stratification, industrial sociology, political sociology, and criminology. Address enquiries to: Dr. Dr. Procese, Chairman Department of Sociology and Anthropology. Carlotton University, Ottawa, Ontario, K195. S. Salary subject to rank and experience. Effective date of appointment: Fall 1981. Position subject to budgetary approval.

VETERINARY MEDICINE

UNIVERSITY OF TORONTO, Faculty of Medicine. (1) University Department: Surgery (Cardiovascular Division). (2) University Title: Research Associate. (3) Oualifications Required: (i) Fully qualifications Required: (i) Fully qualifications department of the Cardiovascular surgical laboratory. (iii) Expertise in cardiovascular operative procedures in both small and large laboratory animals. (iv) Familiantly with cardiovascular instrumentation and monitoring equipment. Ilse in cardiovascular operative procedures in both small and large laboratory animals. (iiv) Famillarity with cardiovascular instrumentation and monitoring equipment. (v) Demonstrated ability for independent research and scientific writing. (4) Nature of Dutles: (i) Responsibility for the health and care ol both small and large laboratory animals, (ii) Performance of a full range of cardiovascular operations including implantation of cardiac pacemakers, aortic coronary bypass end valve replacement surgery. (iii) Maintain and operate a full range of cardiovascular instrumentation and monitoring equipment (iv) Write grant applications for research funds. (v) Write and publish the results of experimental publish the results of experimental work performed under his direction. (5) Salary: \$24,000 per annum. (6) Person to Whom Enquiries Should be Sent: Dr. D.C. MacGregor, Cardiovascular Laboratories, Room 68, Banting Institute, 100 College Street, Toronto, Ontario, M5G 11.5. (7) Effective Date of Appointment: August 15, 1980. (8) Closing Date for Receipt of Applications: July 15, 1980. SASKATCHEWAN. Deparment of Veterinery Anatomy. Westem College of Veterinary Medicine. Veterinary Anatomy at the Western College of Veterinary Medicine will have a term faculty

position at the Assistant Prolessor level available July 1 1980. Acceptable candidates should be qualified to independently leach veterinary anatomy to an elementary level and to assist in course and elementary level and to assist in course and anneed level. Possession of both a D.V.M. and Ph.D. or equivalent degrees is desirable, but applicants with either are acceptable. Teaching experience in veterinary anatomy is highly desirable. Interested persons should send their curriculum vitae and names of at least three referees to: Dr. W.K. Latshaw, Department of Veterinary Anatomy, University of Saskatchewan, Saskaton, Saskatchewan, Canada, S7N OWO. Telephone: 306-343-3195.

VISUAL ARTS

UNIVERSITY OF WESTERN ONTARIO. Department of Visual Arts. Chairman. Nominations and applications are invited for the position of Chairman of the Department of Visual Arts, Faculty of Arts, effective July 1, 1981. A Senate Selection Committee will recommend an appointment for a three to five-year term, renewable. The academic appointment will be at the rank of Associate or Full Professor with tenure. The successful applicant will have an esteblished reputalion in the discipline. Salary is to the availability of funds. Nominations and applications should be sent to the Chairman of the Selection Committee, Dr. J.G. Rowe, Dean, Faculty of Arts, University College, The University of Western Ontario, London, Ontario, N6A 3K7. The deadline for submissions is December 1, 1980.

MISCELLANEOUS

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RESEARCH — U.K. Fully experienced, M.A., familler British record, will do historical, literary research from September. Reasonable, references, Inquire: A.L. Burdett, 1-151 1/2 Bank Street, Ottawa, Ontario, K1P 5N7, Canada. HAMILTON, HOUSE FOR RENT. September 1st, 1880 to July 1st, 1981. Walking distance to McMaster University, furnished, two storey brick. Three bedrooms, living room, eat-in kitchen, dishwasher, pleasant garden with gazebo, finished basement, centrally air-conditioned, well insulated. On a quiet crescent in established residential area \$450. Call (416) 526-6640. REGENCY TERRACE FLAT. Exeter, Devon. Central heating. Three bedrooms. July 1, 1980. \$165 per month, plus heat and utilities. (416) 923-1805; 2675-3076: 5A Pern. Pk. Exeter 0392 36604.

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Le Président Israel Unger ACPU

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OTTAWA (Canada)
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